Quantitation Report (Qedit)

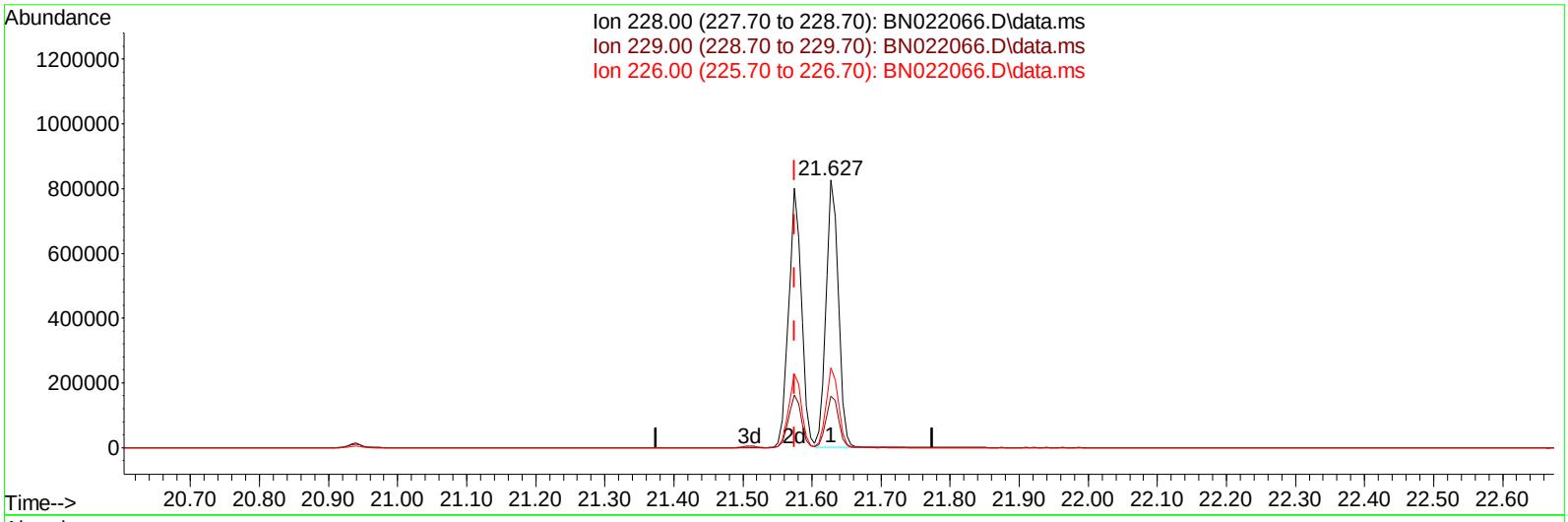
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
Data File : BN022066.D
Acq On : 12 Oct 2022 15:52
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

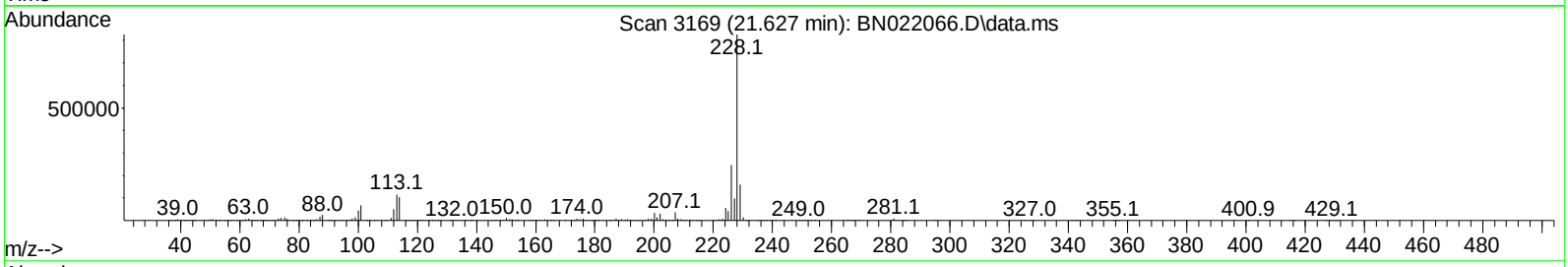
Quant Time: Oct 13 03:13:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

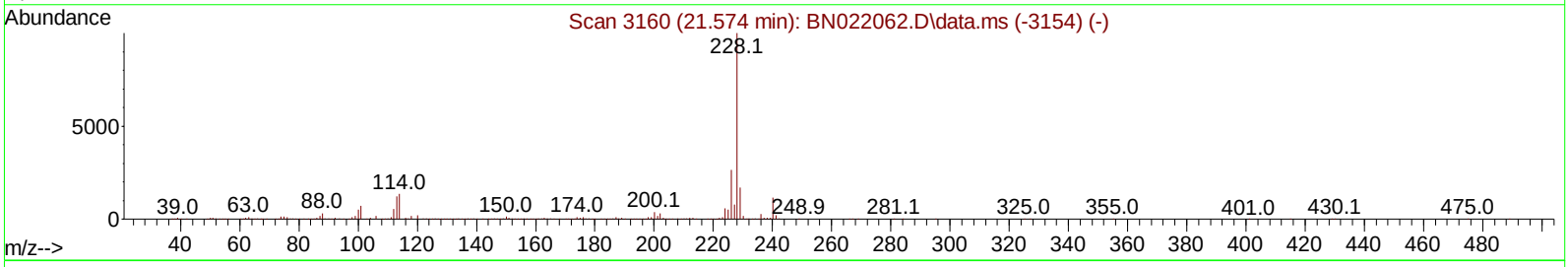
Instrument :
BNA_N
ClientSampleId :
SICV202

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022







TIC: BN022066.D\data.ms

(85) Benzo(a)anthracene

21.627min (+ 0.053) 19.77 ng/ul

response 1029441

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	19.30
226.00	26.30	29.94
0.00	0.00	0.00

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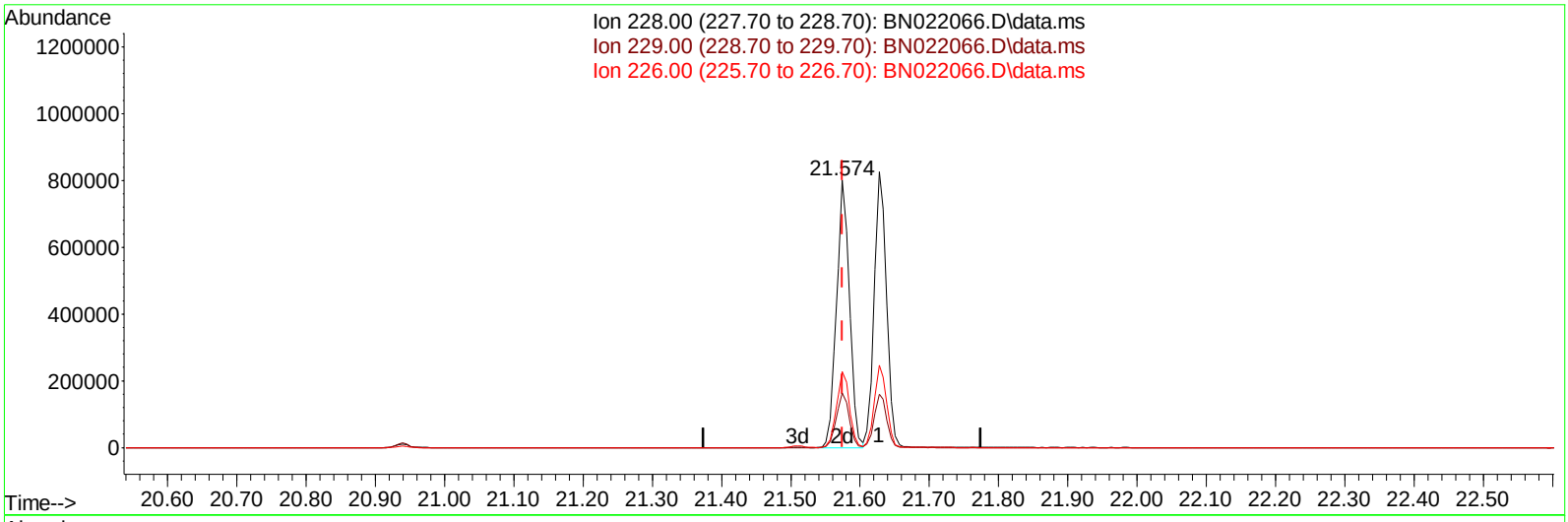

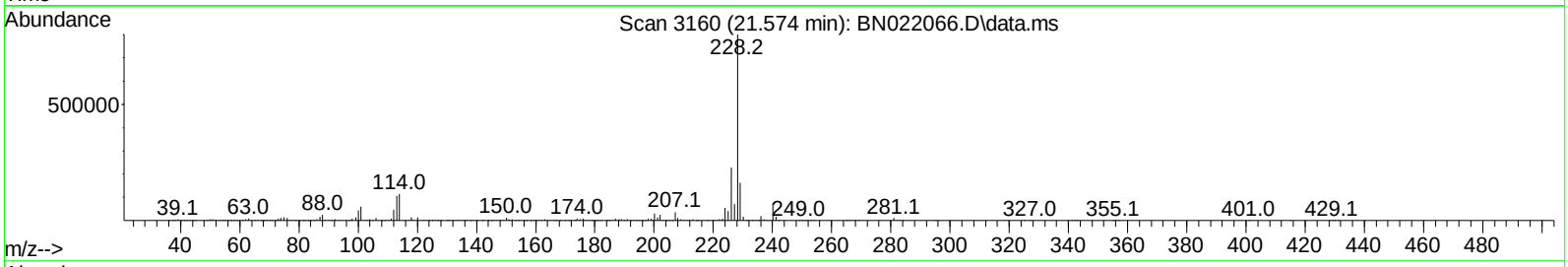

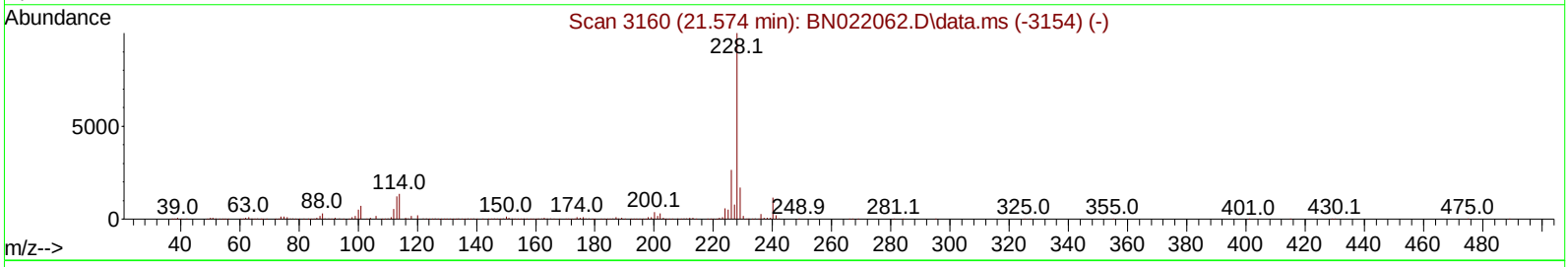

TIC: BN022066.D\data.ms

(85) Benzo(a)anthracene

21.574min (-0.000) 19.91 ng/ul m

response 1036908

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	16.90	20.41#
226.00	26.30	28.43
0.00	0.00	0.00

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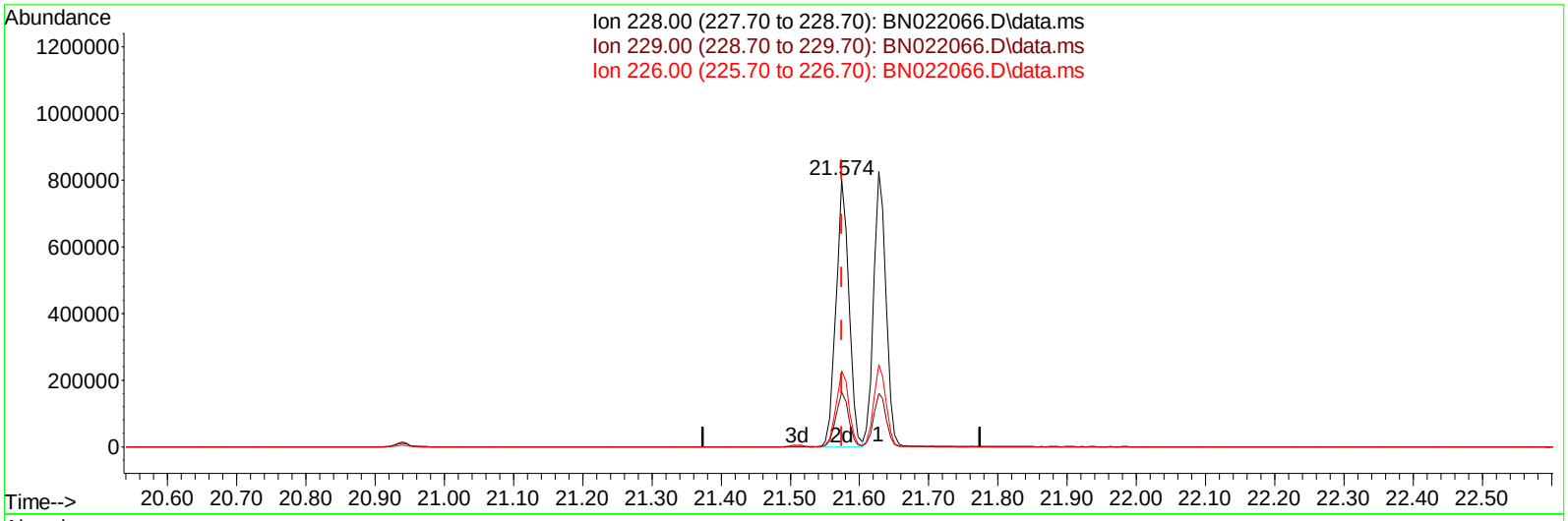

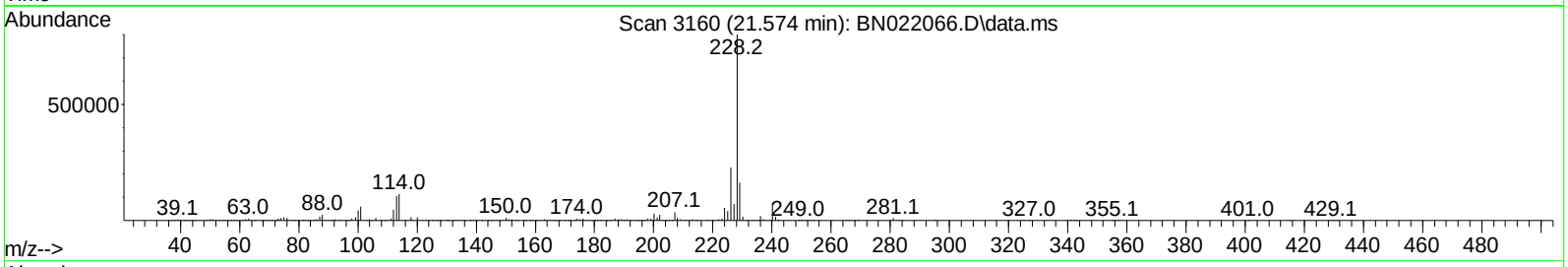

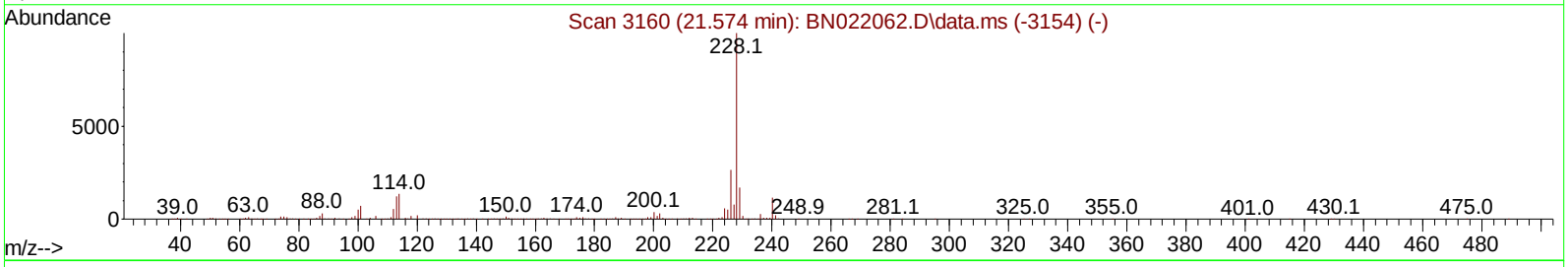

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	113396	20.000	ng/ul	0.00
20) Naphthalene-d8	10.793	136	564162	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	389655	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	819424	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	814974	20.000	ng/ul	0.00
88) Perylene-d12	24.062	264	891931	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24512	8.193	ng/uL	0.00
4) Pyridine-d5	3.693	84	187352	20.131	ng/ul	0.00
7) Phenol-d5	7.116	99	223404	20.153	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	141277	20.337	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	162045	21.082	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	182549	20.724	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	89176	21.557	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	94544	22.298	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	170833	21.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.934	131	273848	21.046	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	568748	20.939	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	638973	21.066	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	120439	20.773	ng/ul	0.00
60) Fluorene-d10	15.628	176	478349	20.879	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	96955	20.740	ng/ul	0.00
73) Anthracene-d10	17.492	188	739459	20.766	ng/ul	0.00
81) Pyrene-d10	19.792	212	826405	20.367	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	887363	20.286	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	26281	8.060	ng/uL	99
5) Pyridine	3.716	79	186142	20.161	ng/ul	98
6) Benzaldehyde	7.093	77	133155	24.323	ng/ul	97
8) Phenol	7.146	94	238879	20.302	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	190870	20.390	ng/ul	99
12) 2-Chlorophenol	7.516	128	176646	20.813	ng/ul	98
13) 2-Methylphenol	8.410	108	178929	20.339	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.499	45	274959	20.527	ng/ul	100
16) Acetophenone	8.799	105	306924	21.808	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	165741	22.111	ng/ul	98
18) 4-Methylphenol	8.746	108	205064	20.818	ng/ul	100
19) Hexachloroethane	9.052	117	70327	21.224	ng/ul	97
22) Nitrobenzene	9.187	77	230887	21.137	ng/ul	100
23) Isophorone	9.716	82	477937	22.162	ng/ul	99
25) 2-Nitrophenol	9.899	139	109469	21.877	ng/ul	99
26) 2,4-Dimethylphenol	9.963	107	226277	21.447	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.198	93	286100	21.215	ng/ul	99
29) 2,4-Dichlorophenol	10.440	162	178505	21.506	ng/ul	99
30) Naphthalene	10.846	128	631847	20.907	ng/ul	99
32) 4-Chloroaniline	10.957	127	284746	21.109	ng/ul	97
33) Hexachlorobutadiene	11.122	225	98247	21.572	ng/ul	93
34) Caprolactam	11.740	113	69911	21.677	ng/ul	95
35) 4-Chloro-3-methylphenol	12.087	107	222839	22.268	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	448286	21.479	ng/ul	97
37) 1-Methylnaphthalene	12.675	142	449725	21.518	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.828	216	213597	21.131	ng/ul	94
40) Hexachlorocyclopentadiene	12.804	237	114366	20.239	ng/ul	93
41) 2,4,6-Trichlorophenol	13.069	196	147437	21.391	ng/ul	93
42) 2,4,5-Trichlorophenol	13.140	196	156253	20.357	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	585664	20.589	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	460584	20.723	ng/ul	96
45) 2-Nitroaniline	13.722	65	152394	22.132	ng/ul	96
47) Dimethylphthalate	14.092	163	597328	20.459	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	120078	21.956	ng/ul	99
50) Acenaphthylene	14.357	152	715606	20.659	ng/ul	98
51) 3-Nitroaniline	14.545	138	138133	21.391	ng/ul	99
52) Acenaphthene	14.698	153	508434	20.698	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	72477	19.563	ng/ul	98
55) 4-Nitrophenol	14.851	109	97606	20.763	ng/ul	99
56) Dibenzofuran	15.034	168	699222	20.860	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	180158	22.486	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	134607	21.072	ng/ul	93
59) Diethylphthalate	15.457	149	631031	21.278	ng/ul	99
61) Fluorene	15.686	166	563482	20.911	ng/ul	90
62) 4-Chlorophenyl-phenyle...	15.681	204	264187	20.924	ng/ul	97
63) 4-Nitroaniline	15.710	138	139368	23.131	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	105423	21.006	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	500668	21.128	ng/ul	98
68) 4-Bromophenyl-phenylether	16.575	248	159521	22.037	ng/ul	91
69) Hexachlorobenzene	16.686	284	190259	21.592	ng/ul	92
70) Atrazine	16.851	200	177603	22.255	ng/ul	97
71) Pentachlorophenol	17.033	266	115361	21.172	ng/ul	95
72) Phenanthrene	17.433	178	912032	20.633	ng/ul	98
74) Anthracene	17.522	178	939996	21.409	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.434	216	211633	20.534	ng/uL	100
76) Pentachlorobenzene	14.951	250	230130	20.803	ng/uL	97
77) Carbazole	17.798	167	883382	21.753	ng/ul	99
78) Di-n-butylphthalate	18.357	149	1119795	22.249	ng/ul	100
80) Fluoranthene	19.451	202	1051305	20.641	ng/ul	97
82) Pyrene	19.822	202	1115822	20.940	ng/ul	97
83) Butylbenzylphthalate	20.716	149	523504	22.644	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	387298	21.974	ng/ul	98
85) Benzo(a)anthracene	21.574	228	1036908m	19.912	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.498	149	759934	22.727	ng/ul	99
87) Chrysene	21.627	228	1029441	20.571	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	1354242	21.430	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	1171424	20.824	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1102627	19.839	ng/ul	100
93) Benzo(a)pyrene	23.951	252	1044497	20.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.651	276	1236049	19.669	ng/ul	94
95) Dibenzo(a,h)anthracene	26.680	278	1124231	19.996	ng/ul	95
96) Benzo(g,h,i)perylene	27.462	276	1122527	19.855	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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