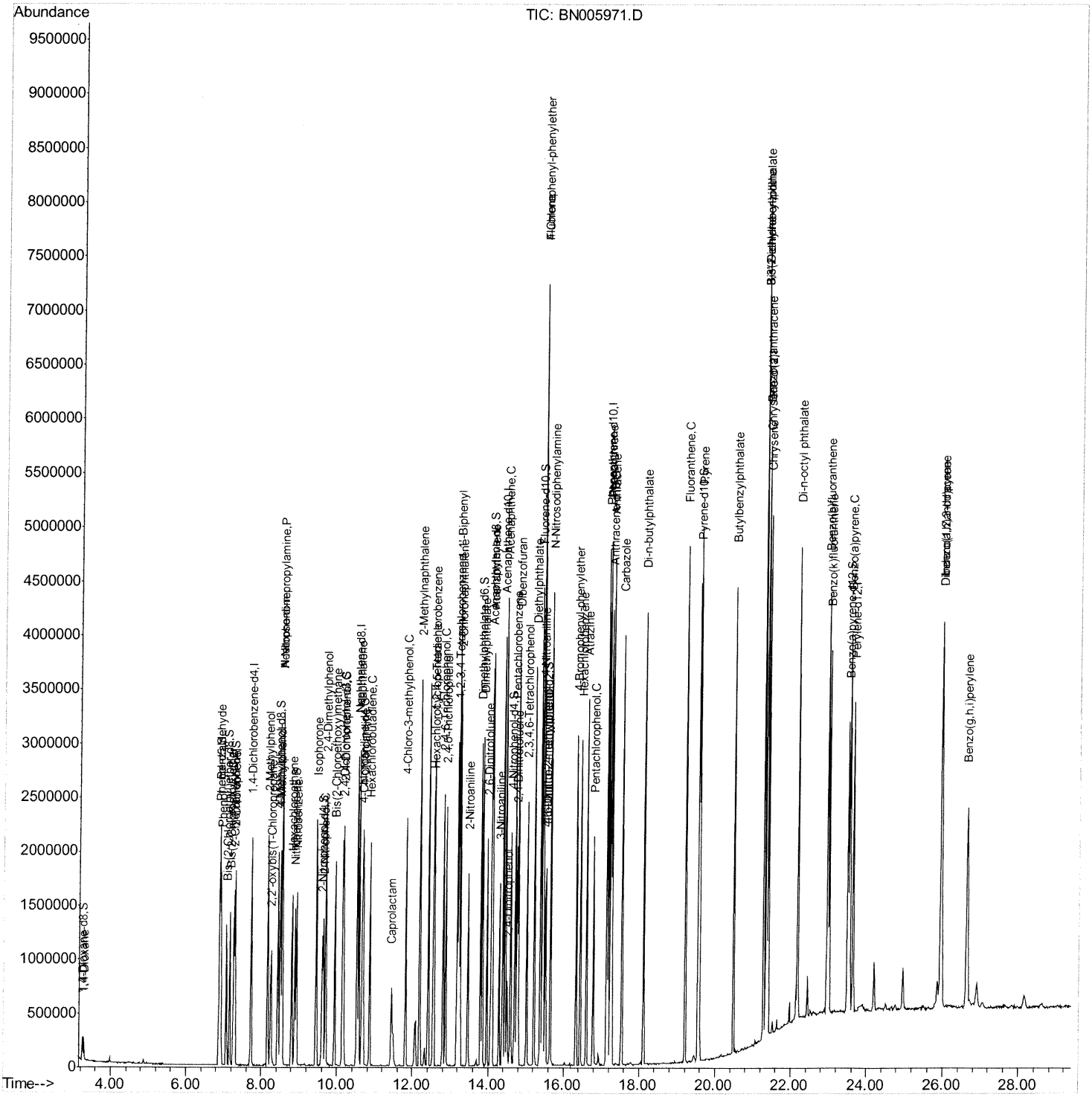
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\
Data File : BN005972.D
Acq On : 31 May 2019 09:16
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 31 14:03:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02004

Manual Integrations APPROVED
mohammad
6/5/2019 6:10:24 AM



Quantitation Report (Qedit)

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Acq On : 31 May 2019 09:16
Operator : JU/SJ
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Misc :
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Quant Time: May 31 11:06:42 2019
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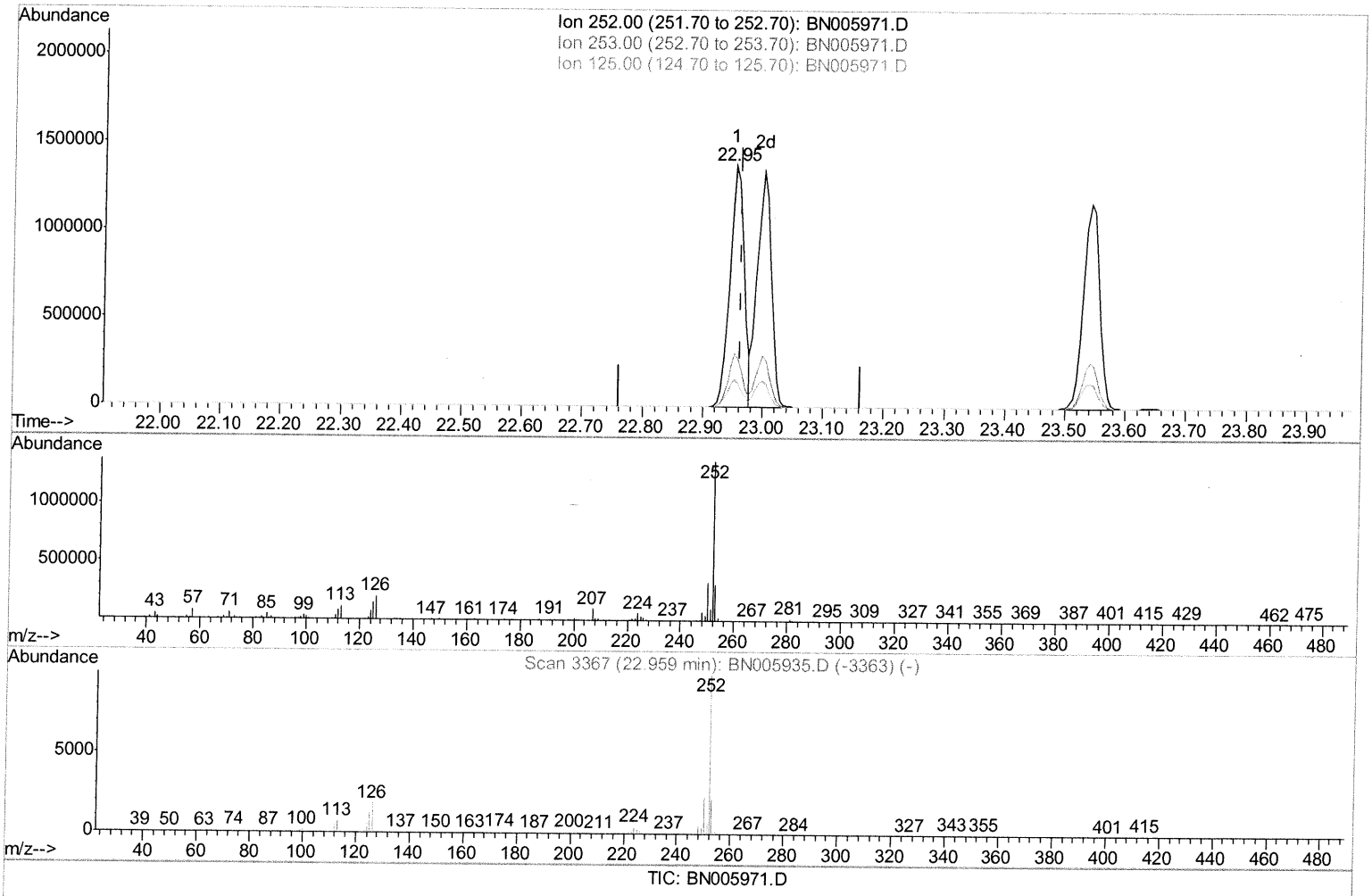

TIC: BN005971.D

(88) Benzo(k)fluoranthene

22.953min (-0.010) 22.26ng/ul

response 2272373

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.38
125.00	9.40	11.20
0.00	0.00	0.00

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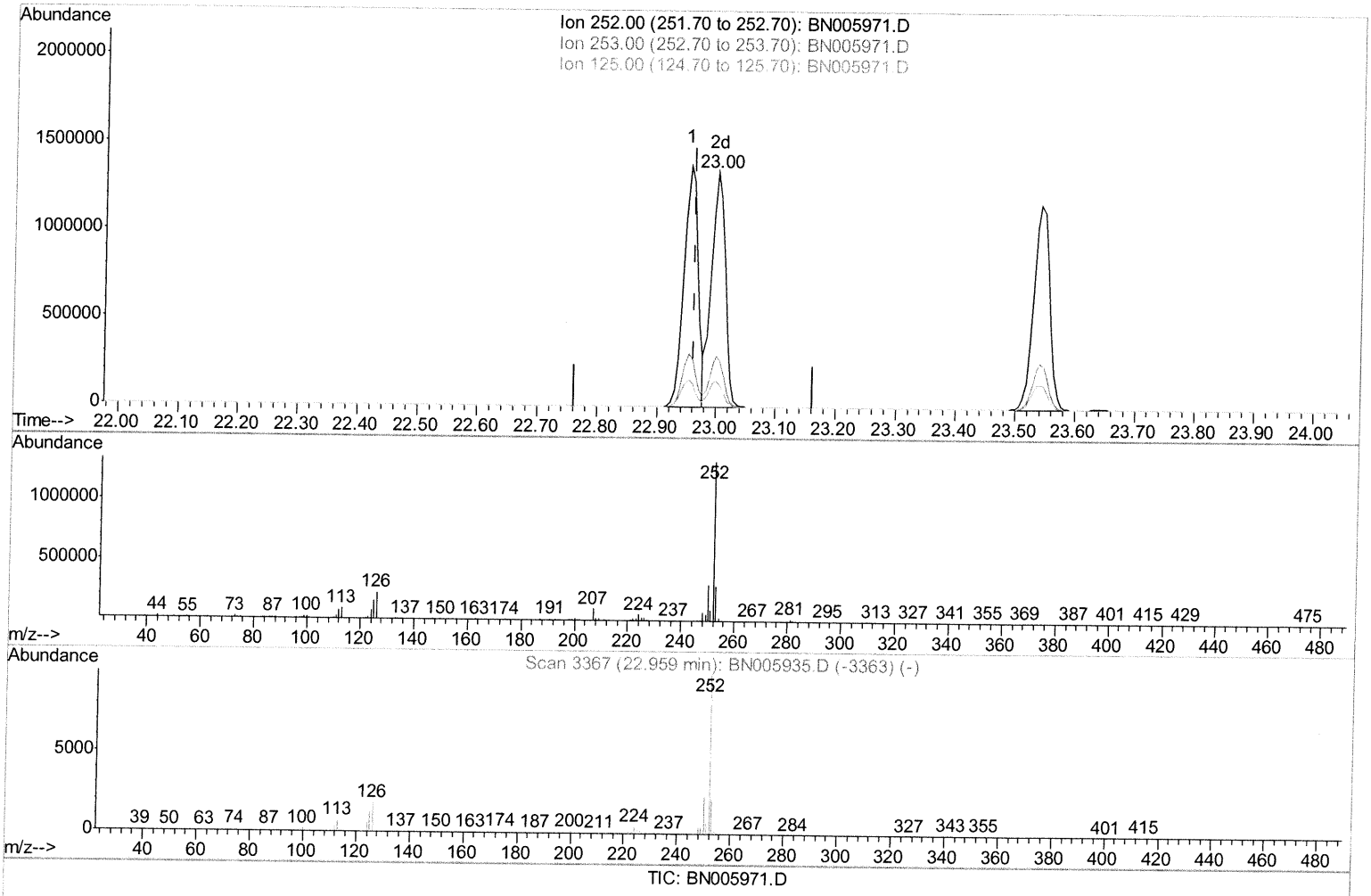

TIC: BN005971.D

(88) Benzo(k)fluoranthene

23.000min (+0.037) 21.54ng/ul m JU 06/04/19

response 2199533

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.86
125.00	9.40	11.37#
0.00	0.00	0.00

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6/5/2019 6:10:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	539441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	2387211	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	1321253	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.14	188	2595051	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1795281	20.00	ng/ul	0.03
85) Perylene-d12	23.64	264	1977095	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	96687	7.89	ng/uL	0.00
5) Phenol-d5	6.89	99	954861	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	545297	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	745964	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	754652	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	362967	23.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	387807	27.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	730107	21.67	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	944092	21.37	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	1967357	20.20	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	2566439	21.06	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	353760	19.96	ng/ul	0.03
57) Fluorene-d10	15.38	176	1653568	20.24	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	251705	23.80	ng/ul	0.03
70) Anthracene-d10	17.24	188	2362727	21.39	ng/ul	0.02
78) Pyrene-d10	19.55	212	2180599	24.05	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.49	264	1845129	20.91	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	106122	8.173	ng/uL	94
4) Benzaldehyde	6.88	77	643119	19.483	ng/ul	97
6) Phenol	6.92	94	979903	19.891	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.16	93	761863	20.026	ng/ul	92
10) 2-Chlorophenol	7.29	128	759391	20.510	ng/ul	94
11) 2-Methylphenol	8.17	108	746180	19.658	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	994524	19.630	ng/ul#	92
14) Acetophenone	8.55	105	1152629	19.806	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.54	70	595055	19.109	ng/ul	87
16) 4-Methylphenol	8.49	108	809949	19.437	ng/ul	96
17) Hexachloroethane	8.81	117	306512	20.758	ng/ul	94
20) Nitrobenzene	8.93	77	857874	21.935	ng/ul	91
21) Isophorone	9.45	82	1689214	19.839	ng/ul	98
23) 2-Nitrophenol	9.64	139	422276	25.282	ng/ul	93
24) 2,4-Dimethylphenol	9.70	107	874769	20.903	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.94	93	1060039	20.454	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	713663	21.396	ng/ul	99
28) Naphthalene	10.57	128	2386936	21.068	ng/ul	99
30) 4-Chloroaniline	10.68	127	954475	21.539	ng/ul	99
31) Hexachlorobutadiene	10.86	225	420982	22.712	ng/ul	99
32) Caprolactam	11.44	113	243753	18.310	ng/ul#	72
33) 4-Chloro-3-methylphenol	11.81	107	802259	19.948	ng/ul	96
34) 2-Methylnaphthalene	12.19	142	1703638	20.413	ng/ul	97

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6/5/2019 6:10:24 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	816859	23.149 ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	449041	21.860 ng/ul	97
38) 2,4,6-Trichlorophenol	12.81	196	539954	23.255 ng/ul	98
39) 2,4,5-Trichlorophenol	12.88	196	583081	22.970 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	2144575	21.884 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	1629696	21.957 ng/ul	98
42) 2-Nitroaniline	13.46	65	479626	24.429 ng/ul	87
44) Dimethylphthalate	13.85	163	1958757	20.120 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	402108	23.961 ng/ul	93
47) Acenaphthylene	14.11	152	2527549	21.154 ng/ul	99
48) 3-Nitroaniline	14.29	138	411928	22.610 ng/ul#	91
49) Acenaphthene	14.45	153	1700185	20.946 ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	149775	20.055 ng/ul	90
52) 4-Nitrophenol	14.60	109	271701	19.554 ng/ul	86
53) Dibenzofuran	14.79	168	2384057	20.806 ng/ul	99
54) 2,4-Dinitrotoluene	14.75	165	553968	22.145 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.02	232	455386	21.826 ng/ul	99
56) Diethylphthalate	15.22	149	1961654	19.359 ng/ul	100
58) Fluorene	15.44	166	1842321	20.471 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.44	204	898361	20.949 ng/ul	98
60) 4-Nitroaniline	15.46	138	453881	20.573 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.52	198	266447	22.905 ng/ul	95
64) N-Nitrosodiphenylamine	15.65	169	1633463	22.578 ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	547199	22.705 ng/ul	98
66) Hexachlorobenzene	16.45	284	586372	22.644 ng/ul	99
67) Atrazine	16.61	200	546029	21.335 ng/ul	99
68) Pentachlorophenol	16.79	266	331347	21.751 ng/ul	98
69) Phenanthrene	17.18	178	2723564	21.183 ng/ul	99
71) Anthracene	17.28	178	2791604	21.386 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	834059	25.900 ng/uL	99
73) Pentachlorobenzene	14.71	250	732673	24.565 ng/uL	100
74) Carbazole	17.54	167	2478426	21.076 ng/ul	100
75) Di-n-butylphthalate	18.12	149	3055178	19.879 ng/ul	99
76) Fluoranthene	19.21	202	2764524	20.141 ng/ul#	94
79) Pyrene	19.58	202	2793738	24.566 ng/ul	96
80) Butylbenzylphthalate	20.49	149	1197424	23.430 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.28	252	766248	21.492 ng/ul	98
82) Benzo(a)anthracene	21.34	228	2381819	21.105 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	1687713	22.783 ng/ul	99
84) Chrysene	21.39	228	2235708	21.241 ng/ul	99
86) Di-n-octyl phthalate	22.18	149	2894607	24.813 ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	2272373	20.463 ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	2199533m	21.543 ng/ul	
90) Benzo(a)pyrene	23.54	252	2205782	21.063 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.94	276	2653614	21.595 ng/ul#	95
92) Dibenzo(a,h)anthracene	25.96	278	2235110	21.847 ng/ul	98
93) Benzo(g,h,i)perylene	26.65	276	2265049	21.886 ng/ul	97

JO 06/04/19

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