Quantitation Report (QT Reviewed)

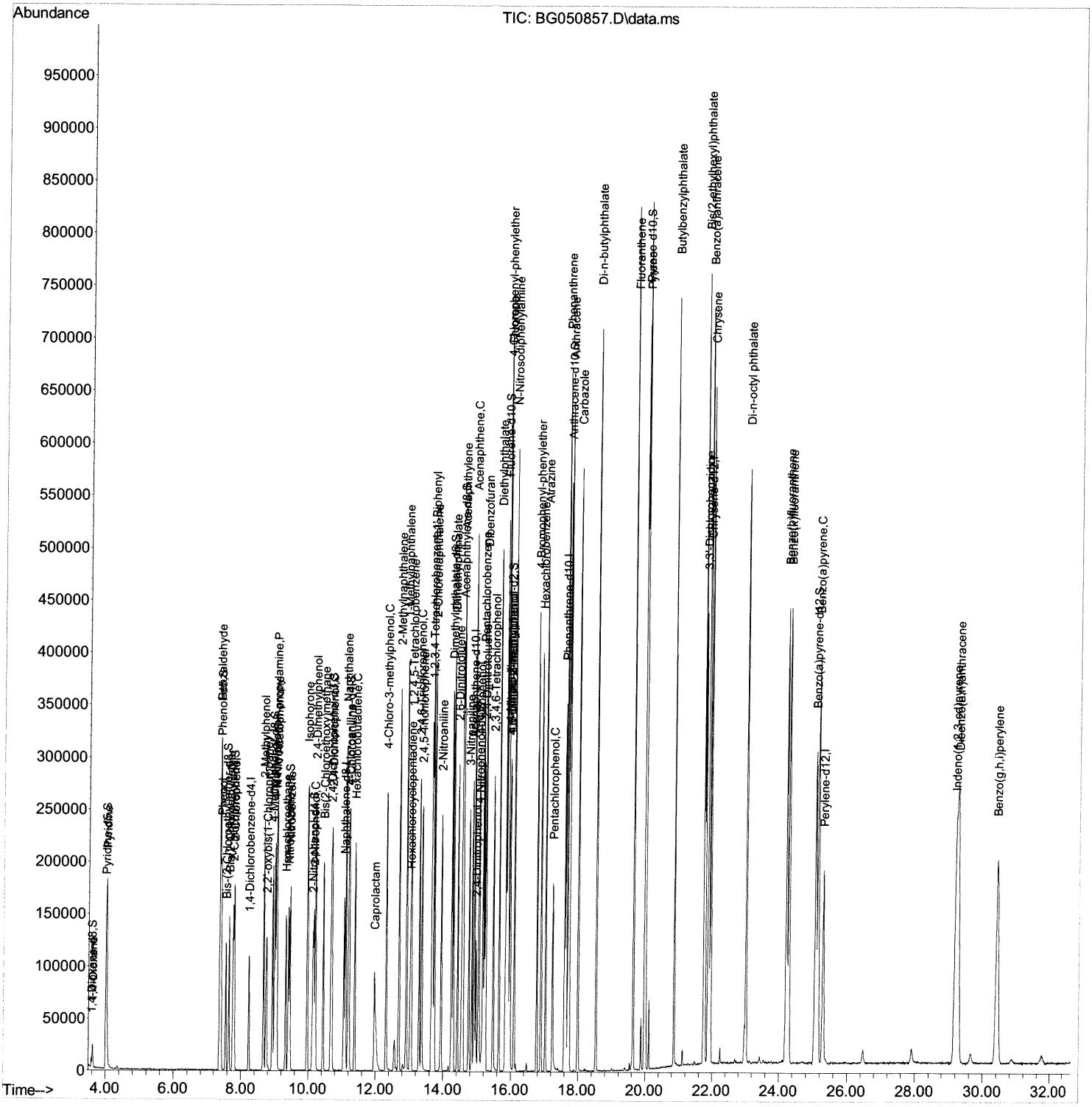
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050857.D
Acq On : 3 Nov 2021 19:40
Operator : CG/JU
Sample : PB140426BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Nov 07 07:42:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS426

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



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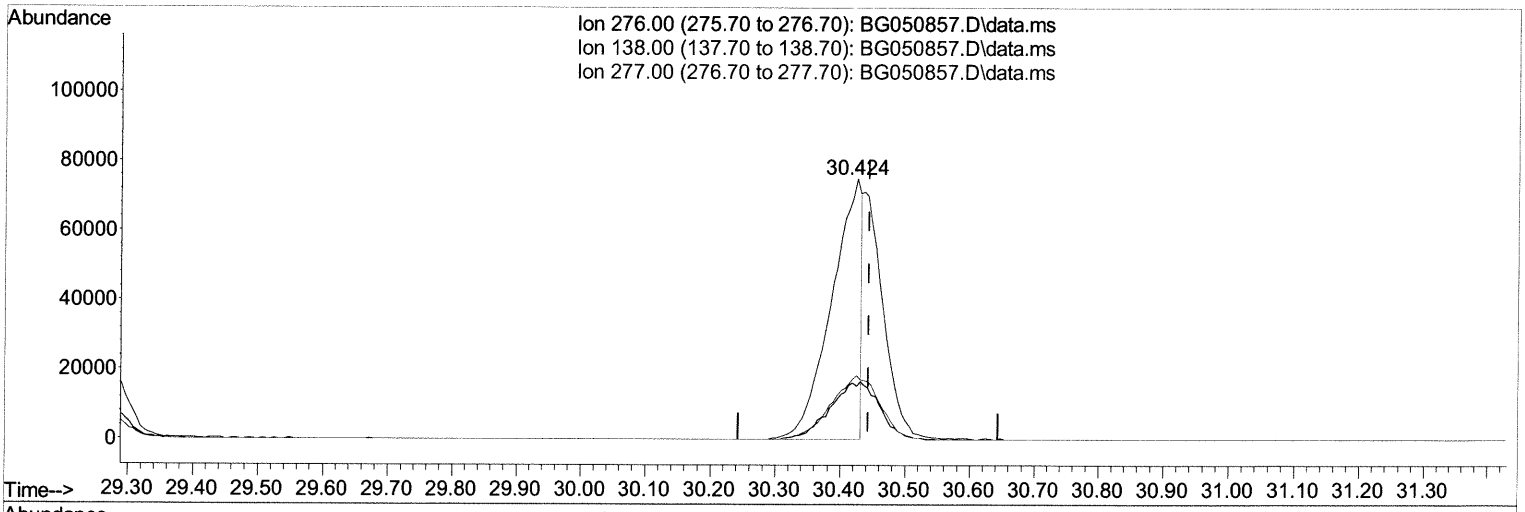

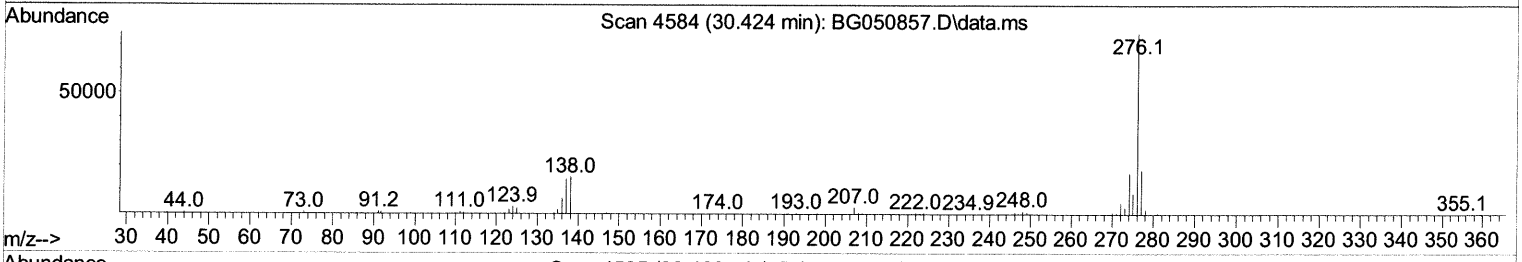

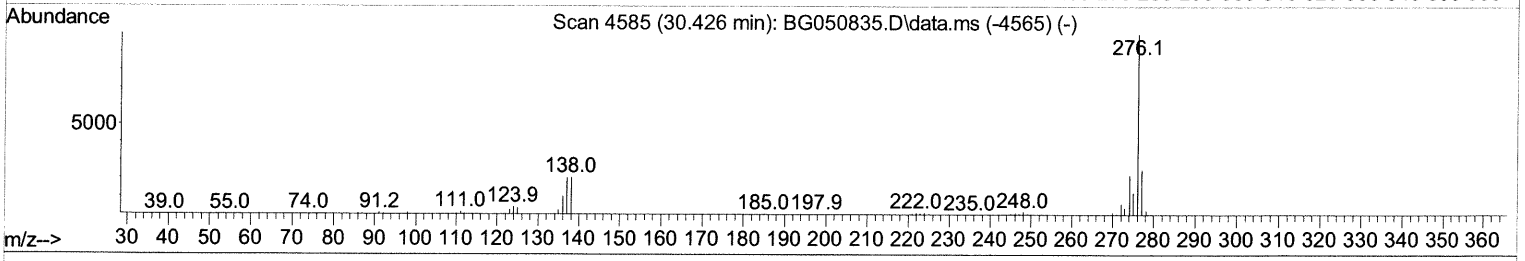

TIC: BG050857.D\data.ms

(96) Benzo(g,h,i)perylene

30.424min (-0.019) 20.77 ng/ul

response 236955

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	20.43
277.00	22.00	24.54
0.00	0.00	0.00

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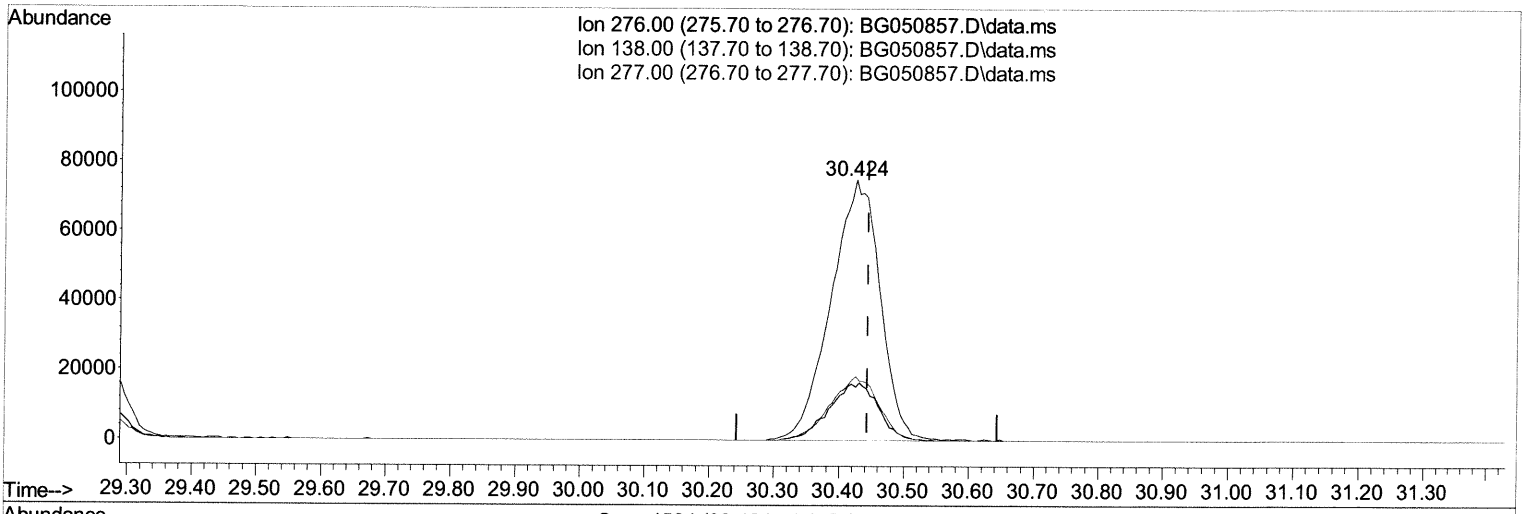

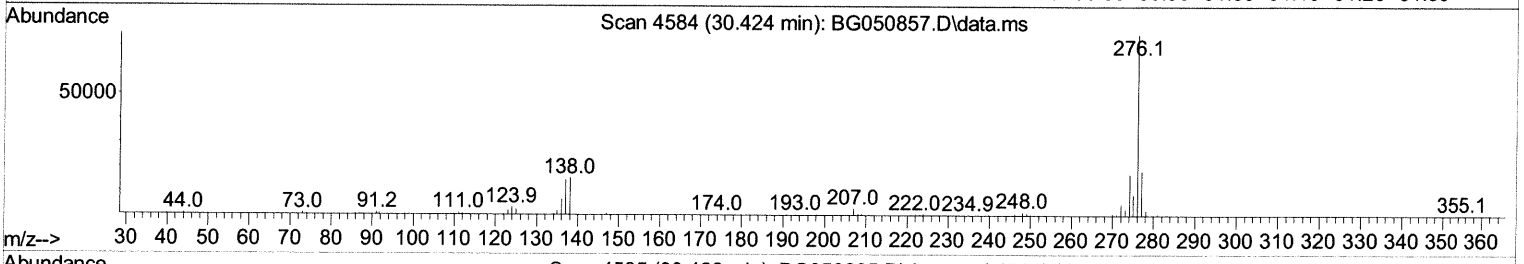

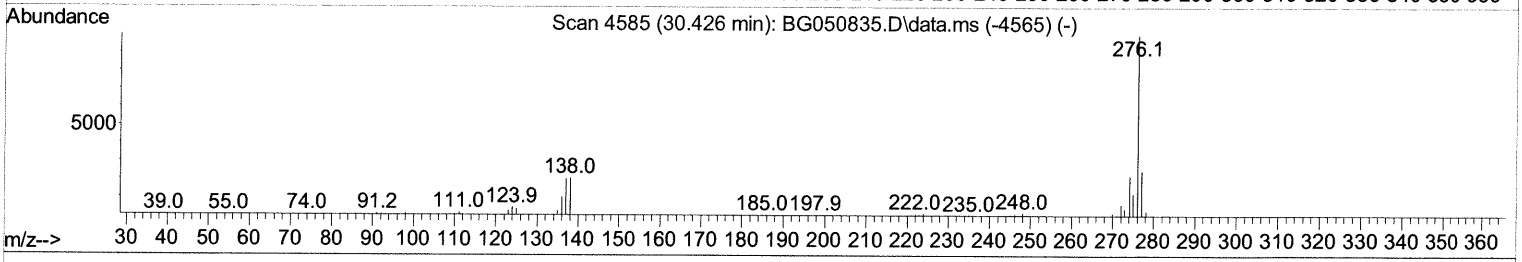

TIC: BG050857.D\data.ms

(96) Benzo(g,h,i)perylene

30.424min (-0.019) 34.36 ng/ul m 11/13/21 JU

response 391931

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	20.43
277.00	22.00	24.54
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.227	152	30092	20.000	ng/ul	0.00
20) Naphthalene-d8	11.053	136	136290	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.854	164	95346	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.598	188	214591	20.000	ng/ul	0.00
79) Chrysene-d12	21.893	240	181704	20.000	ng/ul	-0.01
88) Perylene-d12	25.289	264	180428	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.591	96	5330	5.717	ng/uL	0.00
4) Pyridine-d5	4.008	84	80908	29.007	ng/ul	0.00
7) Phenol-d5	7.375	99	98363	30.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.545	67	63610	30.674	ng/ul	0.00
11) 2-Chlorophenol-d4	7.757	132	69390	31.189	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	77618	30.712	ng/ul	0.00
21) Nitrobenzene-d5	9.402	128	37376	32.271	ng/ul	0.00
24) 2-Nitrophenol-d4	10.125	143	41532	32.250	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.671	165	70895	32.680	ng/ul	0.00
31) 4-Chloroaniline-d4	11.188	131	101060	30.762	ng/ul	0.00
46) Dimethylphthalate-d6	14.249	166	242996	33.312	ng/ul	0.00
49) Acenaphthylene-d8	14.549	160	295510	32.516	ng/ul	0.00
54) 4-Nitrophenol-d4	15.036	143	43187	32.653	ng/ul	0.00
60) Fluorene-d10	15.841	176	211636	32.751	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	41820	32.144	ng/ul	0.00
73) Anthracene-d10	17.698	188	321129	31.652	ng/ul	0.00
81) Pyrene-d10	19.972	212	382100	32.558	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.060	264	318658	31.948	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	12693	12.395	ng/uL	97
5) Pyridine	4.032	79	91018	31.524	ng/ul	97
6) Benzaldehyde	7.363	77	73760	36.428	ng/ul	96
8) Phenol	7.398	94	109620	33.009	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.639	93	84009	33.797	ng/ul	99
12) 2-Chlorophenol	7.786	128	75428	33.391	ng/ul	98
13) 2-Methylphenol	8.662	108	80952	32.980	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.750	45	128849	32.909	ng/ul	99
16) Acetophenone	9.055	105	129899	33.086	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.032	70	78809	33.270	ng/ul	99
18) 4-Methylphenol	8.991	108	87715	33.562	ng/ul	97
19) Hexachloroethane	9.320	117	31248	33.086	ng/ul	94
22) Nitrobenzene	9.443	77	112377	34.789	ng/ul	98
23) Isophorone	9.966	82	222286	35.457	ng/ul	98
25) 2-Nitrophenol	10.160	139	46154	35.723	ng/ul	97
26) 2,4-Dimethylphenol	10.207	107	96282	33.861	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.442	93	119673	35.429	ng/ul	97
29) 2,4-Dichlorophenol	10.694	162	76071	35.950	ng/ul	95
30) Naphthalene	11.106	128	256136	34.368	ng/ul	98
32) 4-Chloroaniline	11.212	127	109247	33.490	ng/ul	99
33) Hexachlorobutadiene	11.376	225	47282	34.044	ng/ul	98
34) Caprolactam	11.969	113	31784	35.381	ng/ul	97
35) 4-Chloro-3-methylphenol	12.310	107	99083	36.655	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.698	142	178483	35.154 ng/ul	100
37)	1-Methylnaphthalene	12.910	142	177792	34.559 ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.056	216	95100	34.231 ng/ul	96
40)	Hexachlorocyclopentadiene	13.027	237	38145	28.592 ng/ul	98
41)	2,4,6-Trichlorophenol	13.291	196	65340	35.943 ng/ul	96
42)	2,4,5-Trichlorophenol	13.368	196	68809	35.256 ng/ul	96
43)	1,1'-Biphenyl	13.691	154	240710	34.539 ng/ul	99
44)	2-Chloronaphthalene	13.738	162	188548	34.524 ng/ul	98
45)	2-Nitroaniline	13.938	65	76792	35.391 ng/ul	94
47)	Dimethylphthalate	14.296	163	259731	35.610 ng/ul	98
48)	2,6-Dinitrotoluene	14.425	165	56083	36.738 ng/ul	96
50)	Acenaphthylene	14.578	152	318147	34.929 ng/ul	99
51)	3-Nitroaniline	14.754	138	57086	36.156 ng/ul	91
52)	Acenaphthene	14.919	153	209942	35.053 ng/ul	95
53)	2,4-Dinitrophenol	14.966	184	27671	32.858 ng/ul	95
55)	4-Nitrophenol	15.054	109	43780	36.092 ng/ul	95
56)	Dibenzofuran	15.248	168	300257	35.024 ng/ul	98
57)	2,4-Dinitrotoluene	15.207	165	79612	36.542 ng/ul#	99
58)	2,3,4,6-Tetrachlorophenol	15.471	232	57240	37.320 ng/ul	99
59)	Diethylphthalate	15.648	149	279475	35.797 ng/ul	99
61)	Fluorene	15.900	166	239503	35.297 ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.883	204	123747	35.023 ng/ul	97
63)	4-Nitroaniline	15.918	138	58534	37.370 ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.971	198	46040	36.288 ng/ul#	98
67)	N-Nitrosodiphenylamine	16.094	169	214593	35.776 ng/ul	99
68)	4-Bromophenyl-phenylether	16.776	248	76704	35.934 ng/ul	98
69)	Hexachlorobenzene	16.899	284	78286	35.674 ng/ul	99
70)	Atrazine	17.034	200	89239	35.083 ng/ul	99
71)	Pentachlorophenol	17.246	266	35214	34.952 ng/ul	97
72)	Phenanthrene	17.639	178	407639	35.587 ng/ul	99
74)	Anthracene	17.733	178	395762	34.434 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.656	216	99876	34.182 ng/uL	97
76)	Pentachlorobenzene	15.166	250	91568	33.822 ng/uL	99
77)	Carbazole	17.998	167	380248	36.912 ng/ul	98
78)	Di-n-butylphthalate	18.532	149	482494	35.645 ng/ul	100
80)	Fluoranthene	19.637	202	493124	35.012 ng/ul	98
82)	Pyrene	20.001	202	478338	34.758 ng/ul	99
83)	Butylbenzylphthalate	20.865	149	211206	35.689 ng/ul	99
84)	3,3'-Dichlorobenzidine	21.782	252	148050	33.457 ng/ul	99
85)	Benzo(a)anthracene	21.875	228	445687	35.431 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.746	149	302477	35.607 ng/ul	97
87)	Chrysene	21.946	228	422253	35.139 ng/ul	99
89)	Di-n-octyl phthalate	23.015	149	517018	35.198 ng/ul	100
90)	Benzo(b)fluoranthene	24.208	252	448852	34.920 ng/ul	100
91)	Benzo(k)fluoranthene	24.279	252	409302	33.935 ng/ul	98
93)	Benzo(a)pyrene	25.136	252	419559	34.272 ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.196	276	475610	34.900 ng/ul	97
95)	Dibenzo(a,h)anthracene	29.267	278	397487	34.472 ng/ul	98
96)	Benzo(g,h,i)perylene	30.424	276	391931m >	34.358 ng/ul >	

11/13/21 JU

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