

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
 Data File : BM026942.D
 Acq On : 30 Jul 2020 11:09
 Operator : JU/CG
 Sample : L1955-12
 Misc : PBBL-WATER-05
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-05

Quant Time: Jul 30 12:00:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 30 09:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	56275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	223219	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	150186	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	334397	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	369821	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	385100	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9259	7.51	ng/uL	0.00
5) Phenol-d5	6.84	99	154054	31.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	106708	31.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	117865	31.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	121693	32.08	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	57284	32.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	54740	34.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	121936	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	152236	33.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	384934	32.68	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	488497	32.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	64000	32.13	ng/ul	0.00
58) Fluorene-d10	15.29	176	348255	33.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	43381	29.10	ng/ul	0.00
71) Anthracene-d10	17.14	188	540151	32.32	ng/ul	0.00
79) Pyrene-d10	19.44	212	620806	31.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	679028	31.25	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	7401	4.828	ng/uL	96
4) Benzaldehyde	6.81	77	19829	4.937	ng/ul	94
6) Phenol	6.87	94	37253	7.061	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.10	93	30351	7.270	ng/ul	97
10) 2-Chlorophenol	7.23	128	27743	7.243	ng/ul	90
11) 2-Methylphenol	8.10	108	25411	6.732	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	24341	6.584	ng/ul	95
14) Acetophenone	8.48	105	46517	7.391	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.47	70	27451	7.221	ng/ul	93
16) 4-Methylphenol	8.42	108	28718	7.140	ng/ul	96
17) Hexachloroethane	8.74	117	13853	7.588	ng/ul	99
20) Nitrobenzene	8.85	77	45277	8.049	ng/ul	99
21) Isophorone	9.38	82	67816	6.839	ng/ul	95
23) 2-Nitrophenol	9.55	139	14075	7.752	ng/ul	90
24) 2,4-Dimethylphenol	9.62	107	34602	7.295	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	39217	7.098	ng/ul	96
27) 2,4-Dichlorophenol	10.09	162	29318	7.921	ng/ul	90
28) Naphthalene	10.49	128	91230	7.315	ng/ul	100
30) 4-Chloroaniline	10.60	127	33616	7.357	ng/ul	99
31) Hexachlorobutadiene	10.79	225	21249	8.129	ng/ul	96
32) Caprolactam	11.36	113	6739	5.830	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	28520	6.911	ng/ul	95
34) 2-Methylnaphthalene	12.11	142	65557	7.436	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	64349	7.470	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	37470	7.299	ng/ul	93
38) Hexachlorocyclopentadiene	12.47	237	20044	5.759	ng/ul	95
39) 2,4,6-Trichlorophenol	12.72	196	19635	6.675	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	22246	7.078	ng/ul	95
41) 1,1'-Biphenyl	13.13	154	90054	7.176	ng/ul	99
42) 2-Chloronaphthalene	13.17	162	73145	7.243	ng/ul	98
43) 2-Nitroaniline	13.36	65	20647	6.875	ng/ul	98
45) Dimethylphthalate	13.76	163	90446	7.318	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	15254	7.000	ng/ul#	79
48) Acenaphthylene	14.01	152	108476	7.124	ng/ul	99
49) 3-Nitroaniline	14.19	138	12403	5.823	ng/ul	99
50) Acenaphthene	14.36	153	75020	7.151	ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	4543	5.207	ng/ul#	75
53) 4-Nitrophenol	14.50	109	17667	8.853	ng/ul#	83
54) Dibenzofuran	14.69	168	111945	7.698	ng/ul	94
55) 2,4-Dinitrotoluene	14.65	165	23841	7.615	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	18139	7.356	ng/ul#	91
57) Diethylphthalate	15.13	149	92565	7.469	ng/ul	98
59) Fluorene	15.35	166	93289	7.618	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	48187	7.907	ng/ul	97
61) 4-Nitroaniline	15.35	138	16670	6.386	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.42	198	10961	6.471	ng/ul	89
65) N-Nitrosodiphenylamine	15.56	169	77155	7.053	ng/ul	97
66) 4-Bromophenyl-phenylether	16.24	248	28738	7.326	ng/ul	93
67) Hexachlorobenzene	16.35	284	33543	7.540	ng/ul	98
68) Atrazine	16.51	200	25387	6.322	ng/ul	94
69) Pentachlorophenol	16.69	266	14053	6.348	ng/ul	95
70) Phenanthrene	17.08	178	148482	7.315	ng/ul	99
72) Anthracene	17.17	178	151005	7.238	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	35151	6.691	ng/uL	96
74) Pentachlorobenzene	14.62	250	37180	7.299	ng/uL	96
75) Carbazole	17.44	167	129165	7.003	ng/ul	97
76) Di-n-butylphthalate	18.02	149	143951	6.635	ng/ul#	98
77) Fluoranthene	19.10	202	173617	7.244	ng/ul#	96
80) Pvrene	19.47	202	186584	6.935	ng/ul#	94
81) Butylbenzylphthalate	20.38	149	56728	5.670	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.15	252	40655	4.650	ng/ul	97
83) Benzo(a)anthracene	21.22	228	183388	7.194	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	87599	5.840	ng/ul	98
85) Chrysene	21.27	228	180448	7.259	ng/ul	99
87) Di-n-octyl phthalate	22.05	149	141986	5.018	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	182053	6.608	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	189886	7.183	ng/ul	99
91) Benzo(a)pyrene	23.35	252	180389	7.257	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.65	276	226559	7.347	ng/ul	96
93) Dibenzo(a,h)anthracene	25.66	278	189978	7.284	ng/ul	98
94) Benzo(a,h,i)perylene	26.32	276	190210	7.459	ng/ul	98

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

