

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021420\
 Data File : BP001754.D
 Acq On : 14 Feb 2020 20:01
 Operator : CG/JU
 Sample : K5695-14
 Misc : MDL-WATER-07
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-07

Quant Time: Feb 15 04:53:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 15 04:45:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	349593	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1621037	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1086964	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	2445205	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	2755923	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	3101717	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	32660	4.46	ng/uL	0.00
5) Phenol-d5	6.88	99	776203	26.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	525674	30.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	622577	28.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	626465	25.81	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	385009	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	248924	25.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	622188	27.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1026241	35.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	2417085	30.91	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	3118845	31.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	322148	22.20	ng/ul	0.00
58) Fluorene-d10	15.33	176	2170264	30.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	177885	18.05	ng/ul	0.00
71) Anthracene-d10	17.19	188	3465004	31.18	ng/ul	0.00
79) Pyrene-d10	19.43	212	3993557	30.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4530069	30.86	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	6577	0.82 ng/uL#	85
4) Benzaldehyde	6.85	77	76921	3.99 ng/ul	99
6) Phenol	6.91	94	90851	2.87 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.14	93	85628	3.41 ng/ul	99
10) 2-Chlorophenol	7.28	128	70404	3.05 ng/ul	96
11) 2-Methylphenol	8.15	108	62119	2.54 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.24	45	110418	3.43 ng/ul	99
14) Acetophenone	8.52	105	134144	3.35 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.51	70	62758	3.15 ng/ul	99
16) 4-Methylphenol	8.47	108	75106	2.78 ng/ul	99
17) Hexachloroethane	8.79	117	34227	3.41 ng/ul	96
20) Nitrobenzene	8.89	77	105167	3.47 ng/ul	100
21) Isophorone	9.42	82	175079	3.04 ng/ul	98
23) 2-Nitrophenol	9.60	139	31665	2.71 ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	76421	2.82 ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.90	93	118285	3.28 ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	69453	2.94 ng/ul	91
28) Naphthalene	10.53	128	296900	3.39 ng/ul	100
30) 4-Chloroaniline	10.63	127	104557	3.56 ng/ul	96
31) Hexachlorobutadiene	10.83	225	55621	3.39 ng/ul	96
32) Caprolactam	11.41	113	17342	2.00 ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	56411	2.32 ng/ul	98
34) 2-Methylnaphthalene	12.15	142	209623	3.33 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	218455	3.50	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	110971	3.26	ng/ul	99
38) Hexachlorocyclopentadiene	12.51	237	49396	2.44	ng/ul	99
39) 2,4,6-Trichlorophenol	12.76	196	33859	1.96	ng/ul	100
40) 2,4,5-Trichlorophenol	12.83	196	39631	2.03	ng/ul	96
41) 1,1'-Biphenyl	13.17	154	279022	3.35	ng/ul	98
42) 2-Chloronaphthalene	13.20	162	220360	3.34	ng/ul	99
43) 2-Nitroaniline	13.40	65	39267	2.41	ng/ul	96
45) Dimethylphthalate	13.80	163	271684	3.29	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	41824	2.62	ng/ul	91
48) Acenaphthylene	14.05	152	362132	3.40	ng/ul	98
49) 3-Nitroaniline	14.23	138	38965	2.51	ng/ul#	83
50) Acenaphthene	14.40	153	239334	3.35	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	6810	1.18	ng/ul#	87
53) 4-Nitrophenol	14.54	109	29245	2.58	ng/ul	91
54) Dibenzofuran	14.73	168	342376	3.40	ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	65297	2.77	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.97	232	33798	2.04	ng/ul	95
57) Diethylphthalate	15.17	149	240943	3.00	ng/ul	98
59) Fluorene	15.39	166	282424	3.37	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	139897	3.30	ng/ul	97
61) 4-Nitroaniline	15.39	138	47064	2.50	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.46	198	22502	2.02	ng/ul#	63
65) N-Nitrosodiphenylamine	15.60	169	213730	3.09	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	80495	3.09	ng/ul	95
67) Hexachlorobenzene	16.40	284	101323	3.29	ng/ul	98
68) Atrazine	16.56	200	58090	2.24	ng/ul	98
69) Pentachlorophenol	16.74	266	20904	1.40	ng/ul	94
70) Phenanthrene	17.13	178	465437	3.38	ng/ul	99
72) Anthracene	17.22	178	469128	3.39	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	126910	3.45	ng/uL	98
74) Pentachlorobenzene	14.66	250	114433	3.06	ng/uL	99
75) Carbazole	17.49	167	349419	2.99	ng/ul	99
76) Di-n-butylphthalate	18.07	149	280389	2.28	ng/ul	99
77) Fluoranthene	19.10	202	486354	3.21	ng/ul	99
80) Pyrene	19.45	202	597606	3.37	ng/ul	99
81) Butylbenzylphthalate	20.35	149	73762	1.40	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.10	252	67072	1.25	ng/ul	96
83) Benzo(a)anthracene	21.16	228	552058	3.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	136127	1.58	ng/ul	97
85) Chrysene	21.21	228	575749	3.30	ng/ul	99
87) Di-n-octyl phthalate	21.99	149	202443	1.46	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	513522	2.86	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	589316	3.25	ng/ul	98
91) Benzo(a)pyrene	23.32	252	567790	3.33	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.67	276	641351	2.87	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	532704	2.86	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	533786	2.81	ng/ul	99

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

