

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021820\
 Data File : BP001770.D
 Acq On : 18 Feb 2020 21:11
 Operator : CG/JU
 Sample : K5695-06
 Misc : MDL-SOIL-06
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Feb 19 02:46:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	380070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1561664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	968311	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2066816	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2135342	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2265270	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	44948	4.91	ng/uL	0.00
5) Phenol-d5	6.83	99	967504	33.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	574188	34.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	823386	35.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	759077	33.32	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	373197	35.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	360498	37.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	758901	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1101697	40.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2373461	34.93	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2950658	35.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	367331	31.04	ng/ul	0.00
58) Fluorene-d10	15.29	176	2078814	34.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	236081	28.97	ng/ul	0.00
71) Anthracene-d10	17.14	188	3141280	34.50	ng/ul	0.00
79) Pyrene-d10	19.39	212	3555723	32.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3708824	33.90	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.22	88	9903	1.009	ng/uL# 92
4) Benzaldehyde	6.80	77	76477	4.350	ng/ul 99
6) Phenol	6.86	94	118025	3.878	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	98495	4.013	ng/ul 98
10) 2-Chlorophenol	7.23	128	97876	3.987	ng/ul 98
11) 2-Methylphenol	8.10	108	80391	3.489	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.19	45	115761	3.959	ng/ul 98
14) Acetophenone	8.47	105	138230	3.927	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	60925	3.733	ng/ul 95
16) 4-Methylphenol	8.42	108	94351	3.803	ng/ul 100
17) Hexachloroethane	8.73	117	37798	3.870	ng/ul 99
20) Nitrobenzene	8.84	77	105368	4.021	ng/ul 97
21) Isophorone	9.37	82	164795	3.421	ng/ul 100
23) 2-Nitrophenol	9.55	139	47457	4.143	ng/ul 99
24) 2,4-Dimethylphenol	9.62	107	94390	3.669	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.86	93	122408	3.755	ng/ul 98
27) 2,4-Dichlorophenol	10.08	162	90066	3.860	ng/ul 93
28) Naphthalene	10.48	128	332968	3.990	ng/ul 99
30) 4-Chloroaniline	10.59	127	121102	4.456	ng/ul 100
31) Hexachlorobutadiene	10.79	225	64457	3.907	ng/ul 98
32) Caprolactam	11.35	113	18088	2.566	ng/ul 93
33) 4-Chloro-3-methylphenol	11.72	107	71928	3.238	ng/ul 98
34) 2-Methylnaphthalene	12.10	142	222921	3.875	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	234855	4.143	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	124648	3.952	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	50156	2.944	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	52759	3.130	ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	58641	3.160	ng/ul	98
41) 1,1'-Biphenyl	13.12	154	296681	3.930	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	232546	3.902	ng/ul	99
43) 2-Nitroaniline	13.36	65	34082	2.849	ng/ul	98
45) Dimethylphthalate	13.76	163	282457	3.949	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	35060	2.813	ng/ul	99
48) Acenaphthylene	14.01	152	361281	3.980	ng/ul	99
49) 3-Nitroaniline	14.19	138	38485	3.033	ng/ul	97
50) Acenaphthene	14.36	153	244045	3.934	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	22778	4.404	ng/ul	97
53) 4-Nitrophenol	14.50	109	31575	3.604	ng/ul	94
54) Dibenzofuran	14.69	168	352168	4.031	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	59301	3.231	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	50497	3.366	ng/ul	98
57) Diethylphthalate	15.13	149	249383	3.647	ng/ul	98
59) Fluorene	15.35	166	286149	4.118	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	147320	4.085	ng/ul	98
61) 4-Nitroaniline	15.35	138	45006	3.141	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	29940	3.295	ng/ul#	70
65) N-Nitrosodiphenylamine	15.56	169	227535	3.840	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	83023	3.660	ng/ul	99
67) Hexachlorobenzene	16.36	284	102262	3.906	ng/ul	99
68) Atrazine	16.52	200	66616	3.118	ng/ul	97
69) Pentachlorophenol	16.70	266	29428	2.322	ng/ul	95
70) Phenanthrene	17.09	178	453233	3.976	ng/ul	99
72) Anthracene	17.17	178	451683	4.012	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	135434	3.997	ng/uL	97
74) Pentachlorobenzene	14.62	250	123397	3.736	ng/uL	99
75) Carbazole	17.45	167	357065	3.803	ng/ul	99
76) Di-n-butylphthalate	18.03	149	326454	3.159	ng/ul	99
77) Fluoranthene	19.06	202	489175	4.008	ng/ul	97
80) Pvrene	19.41	202	560955	3.862	ng/ul	98
81) Butylbenzylphthalate	20.30	149	113904	2.526	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	126904	2.748	ng/ul	97
83) Benzo(a)anthracene	21.12	228	529280	3.764	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	258052	3.454	ng/ul	97
85) Chrysene	21.17	228	526028	3.829	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	307733	2.713	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	494622	3.711	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	523565	3.789	ng/ul	100
91) Benzo(a)pyrene	23.25	252	488631	3.912	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.57	276	568501	3.643	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	487838	3.722	ng/ul	99
94) Benzo(a,h,i)perylene	26.25	276	476831	3.595	ng/ul	97

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

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