

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001767.D
 Acq On : 18 Feb 2020 19:29
 Operator : CG/JU
 Sample : K5695-03
 Misc : MDL-SOIL-03
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03

Quant Time: Feb 19 02:44:46 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	382004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1563734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	969538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2102301	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2162060	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2310650	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	42564	4.63	ng/uL	0.00
5) Phenol-d5	6.83	99	989440	34.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	584412	34.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	836370	35.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	775050	33.85	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	379638	35.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	371390	38.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	783394	34.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1146493	42.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2434699	35.78	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	3057143	36.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	366506	30.94	ng/ul	0.00
58) Fluorene-d10	15.29	176	2120805	34.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	239447	28.89	ng/ul	0.00
71) Anthracene-d10	17.14	188	3219868	34.77	ng/ul	0.00
79) Pyrene-d10	19.39	212	3646909	32.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3806699	34.11	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	70407	3.985	ng/ul 98
6) Phenol	6.86	94	106863	3.494	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.09	93	89471	3.627	ng/ul 98
10) 2-Chlorophenol	7.23	128	88106	3.571	ng/ul 96
11) 2-Methylphenol	8.10	108	71044	3.068	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	104283	3.548	ng/ul 99
14) Acetophenone	8.47	105	126254	3.569	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.46	70	55905	3.408	ng/ul 97
16) 4-Methylphenol	8.42	108	85934	3.446	ng/ul 98
17) Hexachloroethane	8.73	117	33536	3.416	ng/ul 92
20) Nitrobenzene	8.84	77	94798	3.613	ng/ul 97
21) Isophorone	9.37	82	152660	3.165	ng/ul 99
23) 2-Nitrophenol	9.55	139	43394	3.783	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	86503	3.358	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.86	93	112437	3.445	ng/ul 100
27) 2,4-Dichlorophenol	10.08	162	82332	3.524	ng/ul 92
28) Naphthalene	10.48	128	302512	3.620	ng/ul 99
30) 4-Chloroaniline	10.59	127	112001	4.116	ng/ul 100
31) Hexachlorobutadiene	10.79	225	57833	3.501	ng/ul 98
32) Caprolactam	11.35	113	15499	2.196	ng/ul 92
33) 4-Chloro-3-methylphenol	11.72	107	66298	2.980	ng/ul 97
34) 2-Methylnaphthalene	12.10	142	201224	3.493	ng/ul 99
35) 1-Methylnaphthalene	12.32	142	213962	3.769	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	112203	3.553	ng/ul	95
38) Hexachlorocyclopentadiene	12.46	237	45836	2.687	ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	46616	2.762	ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	52031	2.800	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	270862	3.584	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	211316	3.541	ng/ul	99
43) 2-Nitroaniline	13.36	65	31713	2.647	ng/ul	99
45) Dimethylphthalate	13.76	163	256813	3.586	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	31260	2.505	ng/ul	98
48) Acenaphthylene	14.01	152	331101	3.643	ng/ul	100
49) 3-Nitroaniline	14.19	138	35094	2.762	ng/ul#	91
50) Acenaphthene	14.36	153	221159	3.561	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	8806	1.700	ng/ul	98
53) 4-Nitrophenol	14.50	109	28756	3.278	ng/ul	92
54) Dibenzofuran	14.69	168	320772	3.667	ng/ul	100
55) 2,4-Dinitrotoluene	14.65	165	52909	2.879	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	43514	2.897	ng/ul#	99
57) Diethylphthalate	15.13	149	227407	3.321	ng/ul	99
59) Fluorene	15.35	166	259451	3.729	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	135171	3.743	ng/ul	99
61) 4-Nitroaniline	15.35	138	39899	2.781	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	28350	3.067	ng/ul#	68
65) N-Nitrosodiphenylamine	15.56	169	206464	3.425	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	76945	3.335	ng/ul	99
67) Hexachlorobenzene	16.36	284	91951	3.453	ng/ul	99
68) Atrazine	16.52	200	58491	2.692	ng/ul	94
69) Pentachlorophenol	16.70	266	28035	2.175	ng/ul	98
70) Phenanthrene	17.09	178	423284	3.651	ng/ul	99
72) Anthracene	17.17	178	412798	3.605	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	125451	3.640	ng/uL	99
74) Pentachlorobenzene	14.62	250	112415	3.346	ng/uL	99
75) Carbazole	17.45	167	324817	3.401	ng/ul	98
76) Di-n-butylphthalate	18.03	149	294659	2.804	ng/ul	100
77) Fluoranthene	19.06	202	441673	3.558	ng/ul	97
80) Pvrene	19.42	202	512742	3.487	ng/ul	98
81) Butylbenzylphthalate	20.31	149	106219	2.326	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	115638	2.473	ng/ul	98
83) Benzo(a)anthracene	21.12	228	485161	3.408	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.08	149	212675	2.812	ng/ul	99
85) Chrysene	21.17	228	475437	3.418	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	274470	2.372	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	451208	3.319	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	479025	3.399	ng/ul	99
91) Benzo(a)pyrene	23.25	252	448248	3.518	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	503962	3.166	ng/ul	100
93) Dibenzo(a,h)anthracene	25.59	278	436269	3.263	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	424784	3.139	ng/ul	99

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

