

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001769.D
 Acq On : 18 Feb 2020 20:37
 Operator : CG/JU
 Sample : K5695-05
 Misc : MDL-SOIL-05
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-05

Quant Time: Feb 19 02:46:01 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	390433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1603242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	986432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2126795	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2180537	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2305144	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	47432	5.05	ng/uL	0.00
5) Phenol-d5	6.83	99	953950	32.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	560105	32.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	817288	34.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	752542	32.16	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	365711	33.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	355552	36.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	749074	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1096425	39.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2344207	33.86	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2906544	34.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	347406	28.82	ng/ul	0.00
58) Fluorene-d10	15.29	176	2044526	32.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	225697	26.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	3130059	33.41	ng/ul	0.00
79) Pyrene-d10	19.39	212	3495060	31.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3637201	32.67	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	67289	3.726	ng/ul 99
6) Phenol	6.86	94	101906	3.260	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.09	93	83415	3.309	ng/ul 97
10) 2-Chlorophenol	7.23	128	83901	3.327	ng/ul 98
11) 2-Methylphenol	8.10	108	66997	2.831	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	99403	3.309	ng/ul 99
14) Acetophenone	8.47	105	117058	3.237	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.46	70	51965	3.100	ng/ul 98
16) 4-Methylphenol	8.42	108	79183	3.107	ng/ul 98
17) Hexachloroethane	8.73	117	31652	3.155	ng/ul 97
20) Nitrobenzene	8.84	77	89554	3.329	ng/ul 99
21) Isophorone	9.37	82	142404	2.880	ng/ul 99
23) 2-Nitrophenol	9.55	139	39237	3.336	ng/ul 92
24) 2,4-Dimethylphenol	9.62	107	80116	3.033	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.86	93	104884	3.134	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	77888	3.251	ng/ul 92
28) Naphthalene	10.48	128	284098	3.316	ng/ul 99
30) 4-Chloroaniline	10.59	127	101364	3.633	ng/ul 99
31) Hexachlorobutadiene	10.79	225	54636	3.226	ng/ul 96
32) Caprolactam	11.35	113	15535	2.147	ng/ul 100
33) 4-Chloro-3-methylphenol	11.72	107	60333	2.645	ng/ul 96
34) 2-Methylnaphthalene	12.10	142	188061	3.184	ng/ul 100
35) 1-Methylnaphthalene	12.32	142	198544	3.411	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	104877	3.264	ng/ul	96
38) Hexachlorocyclopentadiene	12.46	237	43414	2.501	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	43094	2.509	ng/ul	94
40) 2,4,5-Trichlorophenol	12.78	196	48647	2.573	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	253386	3.295	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	200349	3.300	ng/ul	99
43) 2-Nitroaniline	13.36	65	29592	2.428	ng/ul	98
45) Dimethylphthalate	13.75	163	240282	3.298	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	28741	2.264	ng/ul	96
48) Acenaphthylene	14.01	152	312209	3.376	ng/ul	99
49) 3-Nitroaniline	14.19	138	31097	2.406	ng/ul	98
50) Acenaphthene	14.36	153	208870	3.305	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	8246	1.565	ng/ul	93
53) 4-Nitrophenol	14.50	109	26828	3.006	ng/ul	96
54) Dibenzofuran	14.69	168	303721	3.413	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	48670	2.603	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	41567	2.720	ng/ul	99
57) Diethylphthalate	15.13	149	212277	3.047	ng/ul	100
59) Fluorene	15.35	166	243281	3.436	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	125212	3.408	ng/ul	99
61) 4-Nitroaniline	15.35	138	35964	2.464	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	25604	2.738	ng/ul#	78
65) N-Nitrosodiphenylamine	15.56	169	196250	3.218	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	72171	3.092	ng/ul	98
67) Hexachlorobenzene	16.36	284	88051	3.269	ng/ul	96
68) Atrazine	16.52	200	55708	2.534	ng/ul	97
69) Pentachlorophenol	16.70	266	25128	1.927	ng/ul	91
70) Phenanthrene	17.08	178	386009	3.291	ng/ul	99
72) Anthracene	17.17	178	384926	3.322	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	116878	3.352	ng/uL	99
74) Pentachlorobenzene	14.62	250	104191	3.066	ng/uL	99
75) Carbazole	17.45	167	303878	3.145	ng/ul	99
76) Di-n-butylphthalate	18.03	149	273993	2.577	ng/ul	100
77) Fluoranthene	19.06	202	411359	3.275	ng/ul	97
80) Pvrene	19.41	202	483782	3.262	ng/ul	99
81) Butylbenzylphthalate	20.30	149	95213	2.068	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	100666	2.135	ng/ul	98
83) Benzo(a)anthracene	21.12	228	451309	3.143	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	214806	2.816	ng/ul	96
85) Chrysene	21.17	228	437146	3.116	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	251732	2.181	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	426941	3.148	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	437425	3.111	ng/ul	100
91) Benzo(a)pyrene	23.24	252	416345	3.275	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	469164	2.955	ng/ul	98
93) Dibenzo(a,h)anthracene	25.59	278	407713	3.057	ng/ul	98
94) Benzo(g,h,i)perylene	26.24	276	395551	2.930	ng/ul	99

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

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