

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021820\
 Data File : BP001768.D
 Acq On : 18 Feb 2020 20:03
 Operator : CG/JU
 Sample : K5695-04
 Misc : MDL-SOIL-04
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-04

Quant Time: Feb 19 02:45:15 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	396433	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1629664	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1007205	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2157563	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2216111	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2351841	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	48909	5.12	ng/uL	0.00
5) Phenol-d5	6.83	99	924361	30.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	546652	31.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	786962	32.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	725498	30.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	353919	32.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	340725	34.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	726246	30.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1060151	37.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	2279124	32.25	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2833704	32.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	335457	27.26	ng/ul	0.00
58) Fluorene-d10	15.29	176	1987699	31.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	221050	25.99	ng/ul	0.00
71) Anthracene-d10	17.14	188	3031496	31.89	ng/ul	0.00
79) Pyrene-d10	19.39	212	3406075	29.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3503993	30.85	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.80	77	68892	3.757	ng/ul 97
6) Phenol	6.86	94	107745	3.394	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.09	93	89922	3.513	ng/ul 95
10) 2-Chlorophenol	7.23	128	90685	3.541	ng/ul 99
11) 2-Methylphenol	8.10	108	71921	2.993	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	105404	3.456	ng/ul 99
14) Acetophenone	8.47	105	128443	3.499	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.46	70	56329	3.309	ng/ul 98
16) 4-Methylphenol	8.42	108	85577	3.307	ng/ul 99
17) Hexachloroethane	8.73	117	33060	3.245	ng/ul 95
20) Nitrobenzene	8.84	77	96377	3.524	ng/ul 99
21) Isophorone	9.37	82	153733	3.059	ng/ul 98
23) 2-Nitrophenol	9.55	139	43043	3.601	ng/ul 97
24) 2,4-Dimethylphenol	9.62	107	87869	3.273	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.86	93	112927	3.320	ng/ul 99
27) 2,4-Dichlorophenol	10.08	162	83434	3.427	ng/ul 92
28) Naphthalene	10.48	128	300369	3.449	ng/ul 100
30) 4-Chloroaniline	10.59	127	109959	3.877	ng/ul 100
31) Hexachlorobutadiene	10.79	225	58995	3.426	ng/ul 98
32) Caprolactam	11.34	113	16767	2.279	ng/ul 94
33) 4-Chloro-3-methylphenol	11.72	107	65237	2.814	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	201759	3.361	ng/ul 99
35) 1-Methylnaphthalene	12.32	142	214326	3.623	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	113256	3.452	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	45814	2.585	ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	47479	2.708	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	49814	2.580	ng/ul	92
41) 1,1'-Biphenyl	13.12	154	272921	3.476	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	212412	3.426	ng/ul	99
43) 2-Nitroaniline	13.36	65	31228	2.509	ng/ul	95
45) Dimethylphthalate	13.76	163	260700	3.504	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	31681	2.444	ng/ul	97
48) Acenaphthylene	14.01	152	338681	3.587	ng/ul	98
49) 3-Nitroaniline	14.19	138	34256	2.595	ng/ul#	94
50) Acenaphthene	14.36	153	225029	3.488	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	8970	1.667	ng/ul#	91
53) 4-Nitrophenol	14.50	109	28029	3.076	ng/ul	95
54) Dibenzofuran	14.69	168	324309	3.569	ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	53015	2.777	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	45090	2.890	ng/ul#	98
57) Diethylphthalate	15.13	149	227596	3.200	ng/ul	99
59) Fluorene	15.35	166	262014	3.625	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	133596	3.561	ng/ul	99
61) 4-Nitroaniline	15.35	138	39158	2.628	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.42	198	27674	2.917	ng/ul#	72
65) N-Nitrosodiphenylamine	15.56	169	206665	3.341	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	76740	3.241	ng/ul	98
67) Hexachlorobenzene	16.36	284	93242	3.412	ng/ul	97
68) Atrazine	16.52	200	59979	2.689	ng/ul	99
69) Pentachlorophenol	16.70	266	27486	2.077	ng/ul	98
70) Phenanthrene	17.09	178	422698	3.552	ng/ul	99
72) Anthracene	17.17	178	411810	3.504	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	124742	3.527	ng/uL	98
74) Pentachlorobenzene	14.62	250	111971	3.248	ng/uL	98
75) Carbazole	17.45	167	322260	3.288	ng/ul	99
76) Di-n-butylphthalate	18.03	149	293891	2.725	ng/ul	100
77) Fluoranthene	19.06	202	448269	3.518	ng/ul	98
80) Pvrene	19.42	202	518156	3.437	ng/ul	98
81) Butylbenzylphthalate	20.31	149	105323	2.251	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.06	252	112571	2.349	ng/ul	97
83) Benzo(a)anthracene	21.12	228	484802	3.322	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	212870	2.745	ng/ul	97
85) Chrysene	21.17	228	473573	3.322	ng/ul	99
87) Di-n-octyl phthalate	21.94	149	274581	2.331	ng/ul	100
88) Benzo(b)fluoranthene	22.68	252	443255	3.203	ng/ul	100
89) Benzo(k)fluoranthene	22.73	252	474604	3.309	ng/ul	99
91) Benzo(a)pyrene	23.24	252	446282	3.441	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	513358	3.169	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	434643	3.194	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	423973	3.079	ng/ul	98

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

