

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120520\
 Data File : BP004158.D
 Acq On : 05 Dec 2020 13:05
 Operator : CG/JU
 Sample : L4485-02
 Misc : MDL-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-02

Quant Time: Dec 07 01:42:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 01:39:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	405002	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1702580	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1092517	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2409983	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2531386	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2676077	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	54942	5.21	ng/uL	0.00
4) Pyridine-d5	3.74	84	749765	25.03	ng/ul	0.00
7) Phenol-d5	7.00	99	1206317	33.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	762620	36.44	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	926502	32.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	959620	33.64	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	478106	34.44	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	411032	32.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	867742	31.11	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1315816	32.15	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2910354	33.54	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3700867	34.71	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	427550	30.11	ng/ul	0.00
60) Fluorene-d10	15.49	176	2483506	32.73	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	278486	28.44	ng/ul	0.00
73) Anthracene-d10	17.35	188	3875228	32.72	ng/ul	0.00
81) Pyrene-d10	19.59	212	4416828	33.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4501492	31.31	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	8549	0.748	ng/uL# 84
5) Pyridine	3.76	79	93957	3.103	ng/ul# 61
6) Benzaldehyde	6.99	77	79705	4.954	ng/ul 96
8) Phenol	7.03	94	104206	2.813	ng/ul 95
10) Bis(2-Chloroethyl)ether	7.28	93	89557	3.013	ng/ul 97
12) 2-Chlorophenol	7.41	128	77840	2.733	ng/ul 97
13) 2-Methylphenol	8.28	108	72096	2.557	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	108454	3.062	ng/ul 96
16) Acetophenone	8.67	105	130717	2.958	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.65	70	65175	2.808	ng/ul 98
18) 4-Methylphenol	8.60	108	79821	2.656	ng/ul 99
19) Hexachloroethane	8.93	117	34843	2.856	ng/ul 96
22) Nitrobenzene	9.04	77	101265	2.993	ng/ul 95
23) Isophorone	9.57	82	187776	2.747	ng/ul 99
25) 2-Nitrophenol	9.76	139	37021	2.726	ng/ul 95
26) 2,4-Dimethylphenol	9.82	107	84955	2.580	ng/ul 97
27) Bis(2-Chloroethoxy)methane	10.06	93	114351	2.812	ng/ul 99
29) 2,4-Dichlorophenol	10.29	162	72964	2.708	ng/ul 93
30) Naphthalene	10.70	128	273540	2.873	ng/ul 99
32) 4-Chloroaniline	10.80	127	110936	2.838	ng/ul 97
33) Hexachlorobutadiene	10.99	225	53612	2.773	ng/ul 97
34) Caprolactam	11.58	113	21428	2.155	ng/ul 94

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35) 4-Chloro-3-methylphenol	11.92	107	69728	2.331	ng/ul	99
36) 2-Methylnaphthalene	12.31	142	189085	2.820	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	179781	2.789	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	102142	2.784	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	53671	2.340	ng/ul	99
41) 2,4,6-Trichlorophenol	12.92	196	47769	2.261	ng/ul	98
42) 2,4,5-Trichlorophenol	12.98	196	51941	2.283	ng/ul	94
43) 1,1'-Biphenyl	13.33	154	250942	2.872	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	196591	2.838	ng/ul	99
45) 2-Nitroaniline	13.56	65	40305	2.369	ng/ul	92
47) Dimethylphthalate	13.95	163	248187	2.818	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	35266	2.206	ng/ul	96
50) Acenaphthylene	14.22	152	294803	2.790	ng/ul	99
51) 3-Nitroaniline	14.39	138	37038	2.482	ng/ul	97
52) Acenaphthene	14.56	153	205215	2.753	ng/ul	98
53) 2,4-Dinitrophenol	14.59	184	9629	1.562	ng/ul	96
55) 4-Nitrophenol	14.69	109	29507	2.762	ng/ul#	81
56) Dibenzofuran	14.89	168	294550	2.851	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	50814	2.327	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	41415	2.232	ng/ul#	98
59) Diethylphthalate	15.32	149	238878	2.687	ng/ul	99
61) Fluorene	15.55	166	239971	2.799	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	125131	2.798	ng/ul	99
63) 4-Nitroaniline	15.55	138	41387	2.934	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.62	198	28385	2.598	ng/ul#	83
67) N-Nitrosodiphenylamine	15.76	169	200037	2.697	ng/ul	98
68) 4-Bromophenyl-phenylether	16.45	248	75096	2.603	ng/ul	96
69) Hexachlorobenzene	16.55	284	89862	2.794	ng/ul	96
70) Atrazine	16.71	200	68953	2.380	ng/ul	99
71) Pentachlorophenol	16.89	266	29714	1.934	ng/ul	97
72) Phenanthrene	17.29	178	393192	2.836	ng/ul	99
74) Anthracene	17.39	178	396867	2.810	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	100827	2.756	ng/uL	97
76) Pentachlorobenzene	14.82	250	100979	2.731	ng/uL	98
77) Carbazole	17.65	167	333489	2.780	ng/ul	99
78) Di-n-butylphthalate	18.22	149	369750	2.365	ng/ul	99
80) Fluoranthene	19.26	202	458501	2.719	ng/ul	97
82) Pyrene	19.62	202	495665	2.894	ng/ul	99
83) Butylbenzylphthalate	20.50	149	124948	1.795	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	126227	2.198	ng/ul	97
85) Benzo(a)anthracene	21.33	228	476351	2.797	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	213576	2.034	ng/ul	100
87) Chrysene	21.38	228	460111	2.821	ng/ul	100
89) Di-n-octyl phthalate	22.19	149	315531	1.973	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	466735	2.709	ng/ul	100
91) Benzo(k)fluoranthene	23.04	252	461935	2.767	ng/ul	98
93) Benzo(a)pyrene	23.61	252	443421	2.802	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	516197	2.547	ng/ul	99
95) Dibenzo(a,h)anthracene	26.16	278	439381	2.597	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	429547	2.525	ng/ul	98

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

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