

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120720\
 Data File : BP004188.D
 Acq On : 07 Dec 2020 18:10
 Operator : CG/JU
 Sample : L4485-19
 Misc : ME-SOIL-02
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-05

Quant Time: Dec 08 06:10:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP120420.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 06:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	451266	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1927082	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1194590	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2589853	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2640086	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2740578	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	51052	4.35	ng/uL	0.00
4) Pyridine-d5	3.74	84	738568	22.13	ng/ul	0.00
7) Phenol-d5	7.00	99	1175311	29.13	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	765333	32.82	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	902348	28.74	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	948452	29.84	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	481900	30.67	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	405028	28.23	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.25	165	859141	27.22	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1303095	28.13	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	2870785	30.26	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	3675896	31.53	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	405754	26.13	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2434382	29.34	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	263196	25.01	ng/ul	-0.01
73) Anthracene-d10	17.35	188	3737114	29.36	ng/ul	0.00
81) Pyrene-d10	19.59	212	4236617	30.50	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.56	264	4132710	28.07	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	9384	0.737	ng/uL# 74
5) Pyridine	3.76	79	91253	2.705	ng/ul# 41
6) Benzaldehyde	6.99	77	77541	4.325	ng/ul 98
8) Phenol	7.03	94	102967	2.495	ng/ul 97
10) Bis(2-Chloroethyl)ether	7.27	93	92025	2.778	ng/ul 98
12) 2-Chlorophenol	7.40	128	77260	2.434	ng/ul 99
13) 2-Methylphenol	8.28	108	67132	2.137	ng/ul 90
14) 2,2'-oxybis(1-Chloropropan	8.38	45	109747	2.781	ng/ul 95
16) Acetophenone	8.66	105	129352	2.627	ng/ul 98
17) N-Nitroso-di-n-propylamine	8.65	70	61025	2.360	ng/ul 98
18) 4-Methylphenol	8.60	108	76248	2.277	ng/ul 94
19) Hexachloroethane	8.93	117	34613	2.547	ng/ul 94
22) Nitrobenzene	9.04	77	99925	2.609	ng/ul 95
23) Isophorone	9.56	82	171586	2.218	ng/ul 97
25) 2-Nitrophenol	9.75	139	37672	2.451	ng/ul 97
26) 2,4-Dimethylphenol	9.81	107	82165	2.204	ng/ul 99
27) Bis(2-Chloroethoxy)methane	10.05	93	116210	2.525	ng/ul 99
29) 2,4-Dichlorophenol	10.28	162	73475	2.409	ng/ul 90
30) Naphthalene	10.69	128	279302	2.592	ng/ul 100
32) 4-Chloroaniline	10.79	127	108648	2.456	ng/ul 95
33) Hexachlorobutadiene	10.98	225	54651	2.497	ng/ul 97
34) Caprolactam	11.57	113	15572	1.384	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	58590	1.731	ng/ul	98
36) 2-Methylnaphthalene	12.30	142	190553	2.511	ng/ul	98
37) 1-Methylnaphthalene	12.52	142	181825	2.492	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	104786	2.612	ng/ul	97
40) Hexachlorocyclopentadiene	12.66	237	45604	1.819	ng/ul	95
41) 2,4,6-Trichlorophenol	12.91	196	40985	1.774	ng/ul	98
42) 2,4,5-Trichlorophenol	12.97	196	45835	1.842	ng/ul	98
43) 1,1'-Biphenyl	13.32	154	251246	2.630	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	198767	2.624	ng/ul	99
45) 2-Nitroaniline	13.56	65	35706	1.920	ng/ul	92
47) Dimethylphthalate	13.95	163	238704	2.478	ng/ul	99
48) 2,6-Dinitrotoluene	14.06	165	33395	1.910	ng/ul#	86
50) Acenaphthylene	14.21	152	296539	2.567	ng/ul	99
51) 3-Nitroaniline	14.39	138	33420	2.048	ng/ul	99
52) Acenaphthene	14.55	153	207037	2.540	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	8660	1.285	ng/ul	94
55) 4-Nitrophenol	14.69	109	26983	2.310	ng/ul	89
56) Dibenzofuran	14.89	168	295142	2.612	ng/ul	98
57) 2,4-Dinitrotoluene	14.85	165	48529	2.032	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.12	232	37442	1.845	ng/ul	97
59) Diethylphthalate	15.32	149	214742	2.209	ng/ul	98
61) Fluorene	15.55	166	236659	2.525	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.54	204	122129	2.497	ng/ul	96
63) 4-Nitroaniline	15.55	138	37657	2.441	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.61	198	27385	2.332	ng/ul#	78
67) N-Nitrosodiphenylamine	15.75	169	187928	2.358	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	71590	2.310	ng/ul	99
69) Hexachlorobenzene	16.55	284	85690	2.479	ng/ul	99
70) Atrazine	16.71	200	53935	1.732	ng/ul	99
71) Pentachlorophenol	16.89	266	23439	1.420	ng/ul	95
72) Phenanthrene	17.29	178	383634	2.575	ng/ul	100
74) Anthracene	17.38	178	386706	2.548	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	103710	2.638	ng/uL	99
76) Pentachlorobenzene	14.81	250	102208	2.572	ng/uL	98
77) Carbazole	17.65	167	294175	2.282	ng/ul	99
78) Di-n-butylphthalate	18.22	149	277363	1.651	ng/ul	99
80) Fluoranthene	19.26	202	410438	2.334	ng/ul	99
82) Pyrene	19.62	202	471310	2.638	ng/ul	99
83) Butylbenzylphthalate	20.50	149	86116	1.186	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.26	252	79216	1.322	ng/ul	95
85) Benzo(a)anthracene	21.33	228	429774	2.420	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	152486	1.392	ng/ul	98
87) Chrysene	21.37	228	431896	2.539	ng/ul	98
89) Di-n-octyl phthalate	22.19	149	216183	1.320	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	416974	2.363	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	433554	2.536	ng/ul	99
93) Benzo(a)pyrene	23.60	252	407735	2.516	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	453666	2.185	ng/ul	99
95) Dibenzo(a,h)anthracene	26.14	278	385112	2.223	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	380510	2.184	ng/ul	96

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

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