

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120820\
 Data File : BP004203.D
 Acq On : 08 Dec 2020 17:29
 Operator : CG/JU
 Sample : L4485-21
 Misc : ME-SOIL--02
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-07

Quant Time: Dec 08 18:00:55 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	477585	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	2005289	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1232941	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2590793	20.00	ng/ul	-0.01
79) Chrysene-d12	21.34	240	2643535	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2738098	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	58035	4.67	ng/uL	0.00
4) Pyridine-d5	3.73	84	867629	24.57	ng/ul	-0.01
7) Phenol-d5	7.00	99	1400542	32.80	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	916522	37.13	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	1080542	32.52	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	1126632	33.49	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	584327	35.74	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	504355	33.79	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.25	165	1033117	31.45	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1540723	31.96	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	3326367	33.97	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	4327460	35.96	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	486852	30.38	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2847140	33.25	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.59	200	334422	31.77	ng/ul	-0.02
73) Anthracene-d10	17.35	188	4349258	34.16	ng/ul	-0.01
81) Pyrene-d10	19.59	212	4868483	35.01	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.55	264	4755830	32.33	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	10362	0.769 ng/uL#	85
5) Pyridine	3.76	79	117358	3.287 ng/ul#	59
6) Benzaldehyde	6.98	77	97838	5.157 ng/ul	98
8) Phenol	7.02	94	129562	2.966 ng/ul	96
10) Bis(2-Chloroethyl)ether	7.27	93	116939	3.336 ng/ul	96
12) 2-Chlorophenol	7.40	128	98186	2.923 ng/ul	98
13) 2-Methylphenol	8.28	108	82345	2.477 ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.37	45	140402	3.362 ng/ul	97
16) Acetophenone	8.66	105	166877	3.202 ng/ul	99
17) N-Nitroso-di-n-propylamine	8.65	70	77970	2.849 ng/ul	98
18) 4-Methylphenol	8.60	108	100720	2.843 ng/ul	98
19) Hexachloroethane	8.93	117	44914	3.122 ng/ul	99
22) Nitrobenzene	9.04	77	127285	3.194 ng/ul	98
23) Isophorone	9.56	82	206636	2.567 ng/ul	99
25) 2-Nitrophenol	9.75	139	48163	3.011 ng/ul	98
26) 2,4-Dimethylphenol	9.81	107	101292	2.611 ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.05	93	145536	3.038 ng/ul	98
29) 2,4-Dichlorophenol	10.27	162	92609	2.918 ng/ul#	83
30) Naphthalene	10.69	128	357929	3.192 ng/ul	99
32) 4-Chloroaniline	10.79	127	136709	2.970 ng/ul	98
33) Hexachlorobutadiene	10.98	225	68860	3.024 ng/ul	98
34) Caprolactam	11.57	113	19747	1.687 ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	73573	2.088	ng/ul	96
36) 2-Methylnaphthalene	12.30	142	247129	3.129	ng/ul	98
37) 1-Methylnaphthalene	12.52	142	230669	3.038	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	131815	3.184	ng/ul	97
40) Hexachlorocyclopentadiene	12.66	237	59370	2.294	ng/ul	95
41) 2,4,6-Trichlorophenol	12.91	196	49863	2.091	ng/ul	100
42) 2,4,5-Trichlorophenol	12.97	196	54821	2.135	ng/ul	99
43) 1,1'-Biphenyl	13.32	154	320403	3.250	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	256003	3.274	ng/ul	98
45) 2-Nitroaniline	13.55	65	44440	2.315	ng/ul	93
47) Dimethylphthalate	13.94	163	298193	3.000	ng/ul	98
48) 2,6-Dinitrotoluene	14.06	165	43233	2.396	ng/ul	93
50) Acenaphthylene	14.20	152	372372	3.123	ng/ul	99
51) 3-Nitroaniline	14.38	138	44017	2.614	ng/ul	92
52) Acenaphthene	14.55	153	262687	3.123	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	10628	1.528	ng/ul	95
55) 4-Nitrophenol	14.68	109	33579	2.786	ng/ul#	81
56) Dibenzofuran	14.89	168	375106	3.217	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	64748	2.627	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.11	232	47518	2.269	ng/ul	95
59) Diethylphthalate	15.32	149	263809	2.629	ng/ul	99
61) Fluorene	15.54	166	301585	3.117	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.54	204	155834	3.087	ng/ul	98
63) 4-Nitroaniline	15.55	138	47207	2.965	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.61	198	35677	3.037	ng/ul#	82
67) N-Nitrosodiphenylamine	15.75	169	236111	2.961	ng/ul	98
68) 4-Bromophenyl-phenylether	16.44	248	88596	2.857	ng/ul	97
69) Hexachlorobenzene	16.55	284	108736	3.144	ng/ul	98
70) Atrazine	16.70	200	63996	2.055	ng/ul	95
71) Pentachlorophenol	16.89	266	28082	1.700	ng/ul	91
72) Phenanthrene	17.29	178	476480	3.197	ng/ul	100
74) Anthracene	17.38	178	472793	3.114	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	134012	3.407	ng/ul	98
76) Pentachlorobenzene	14.80	250	127094	3.197	ng/ul	98
77) Carbazole	17.65	167	356096	2.762	ng/ul	100
78) Di-n-butylphthalate	18.22	149	341515	2.032	ng/ul	99
80) Fluoranthene	19.26	202	503084	2.857	ng/ul	99
82) Pyrene	19.62	202	581770	3.252	ng/ul	100
83) Butylbenzylphthalate	20.50	149	101563	1.397	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	87685	1.462	ng/ul	95
85) Benzo(a)anthracene	21.32	228	528697	2.973	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	168474	1.536	ng/ul	98
87) Chrysene	21.37	228	537263	3.155	ng/ul	100
89) Di-n-octyl phthalate	22.18	149	244333	1.493	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	508125	2.882	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	527939	3.091	ng/ul	99
93) Benzo(a)pyrene	23.60	252	504227	3.114	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.12	276	565313	2.726	ng/ul	98
95) Dibenzo(a,h)anthracene	26.14	278	487145	2.814	ng/ul	100
96) Benzo(g,h,i)perylene	26.87	276	458437	2.634	ng/ul	100

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

