

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120820\
 Data File : BP004201.D
 Acq On : 08 Dec 2020 16:21
 Operator : CG/JU
 Sample : L4485-20
 Misc : ME-SOIL--06
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-ME-SOIL-06

Quant Time: Dec 08 17:07:22 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	473083	20.00	ng/ul	0.00
20) Naphthalene-d8	10.64	136	1969704	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.49	164	1202531	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.25	188	2547895	20.00	ng/ul	-0.01
79) Chrysene-d12	21.34	240	2588685	20.00	ng/ul	-0.01
88) Perylene-d12	23.70	264	2694885	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	60052	4.88	ng/uL	0.00
4) Pyridine-d5	3.74	84	801523	22.91	ng/ul	0.00
7) Phenol-d5	7.00	99	1397764	33.05	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	7.18	67	913713	37.37	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.38	132	1077358	32.74	ng/ul	-0.01
15) 4-Methylphenol-d8	8.54	113	1122611	33.69	ng/ul	-0.01
21) Nitrobenzene-d5	9.00	128	583655	36.34	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	501950	34.23	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.25	165	1023853	31.73	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.77	131	1532113	32.36	ng/ul	-0.01
46) Dimethylphthalate-d6	13.90	166	3317907	34.74	ng/ul	-0.01
49) Acenaphthylene-d8	14.18	160	4304468	36.68	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.67	143	481479	30.80	ng/ul	-0.01
60) Fluorene-d10	15.49	176	2841532	34.02	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.60	200	328560	31.74	ng/ul	-0.01
73) Anthracene-d10	17.35	188	4336933	34.63	ng/ul	-0.01
81) Pyrene-d10	19.59	212	4845800	35.58	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.55	264	4731156	32.68	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.38	88	9275	0.695 ng/uL#	75
5) Pyridine	3.76	79	97031	2.743 ng/ul#	47
6) Benzaldehyde	6.98	77	82140	4.371 ng/ul	97
8) Phenol	7.03	94	105059	2.428 ng/ul	99
10) Bis(2-Chloroethyl)ether	7.27	93	95896	2.762 ng/ul	98
12) 2-Chlorophenol	7.40	128	78488	2.359 ng/ul	98
13) 2-Methylphenol	8.28	108	67277	2.043 ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.38	45	113239	2.737 ng/ul	97
16) Acetophenone	8.66	105	131314	2.544 ng/ul	97
17) N-Nitroso-di-n-propylamine	8.65	70	62841	2.318 ng/ul	98
18) 4-Methylphenol	8.60	108	81544	2.323 ng/ul	92
19) Hexachloroethane	8.93	117	36021	2.528 ng/ul	96
22) Nitrobenzene	9.04	77	107310	2.742 ng/ul	95
23) Isophorone	9.56	82	166604	2.107 ng/ul	99
25) 2-Nitrophenol	9.75	139	39042	2.485 ng/ul	95
26) 2,4-Dimethylphenol	9.81	107	82175	2.157 ng/ul	94
27) Bis(2-Chloroethoxy)methane	10.05	93	116609	2.478 ng/ul	100
29) 2,4-Dichlorophenol	10.28	162	75960	2.437 ng/ul#	86
30) Naphthalene	10.69	128	287787	2.613 ng/ul	99
32) 4-Chloroaniline	10.79	127	113438	2.509 ng/ul	91
33) Hexachlorobutadiene	10.98	225	55707	2.490 ng/ul	97
34) Caprolactam	11.58	113	16234	1.412 ng/ul	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.92	107	57646	1.666	ng/ul	98
36) 2-Methylnaphthalene	12.30	142	193888	2.499	ng/ul	100
37) 1-Methylnaphthalene	12.52	142	186206	2.497	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	107341	2.658	ng/ul	97
40) Hexachlorocyclopentadiene	12.66	237	47988	1.901	ng/ul	97
41) 2,4,6-Trichlorophenol	12.91	196	38961	1.676	ng/ul	99
42) 2,4,5-Trichlorophenol	12.97	196	44010	1.757	ng/ul	96
43) 1,1'-Biphenyl	13.32	154	259397	2.697	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	204875	2.687	ng/ul	99
45) 2-Nitroaniline	13.56	65	34469	1.841	ng/ul	92
47) Dimethylphthalate	13.94	163	246316	2.540	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	34344	1.952	ng/ul	92
50) Acenaphthylene	14.21	152	303135	2.607	ng/ul	99
51) 3-Nitroaniline	14.38	138	33606	2.046	ng/ul	96
52) Acenaphthene	14.55	153	212519	2.590	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	9026	1.331	ng/ul	92
55) 4-Nitrophenol	14.68	109	27707	2.357	ng/ul#	78
56) Dibenzofuran	14.89	168	299154	2.631	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	50356	2.095	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.11	232	37165	1.819	ng/ul#	93
59) Diethylphthalate	15.32	149	213737	2.184	ng/ul	99
61) Fluorene	15.54	166	240927	2.553	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.54	204	126416	2.568	ng/ul	98
63) 4-Nitroaniline	15.55	138	36774	2.368	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.61	198	28893	2.501	ng/ul#	78
67) N-Nitrosodiphenylamine	15.75	169	189570	2.418	ng/ul	99
68) 4-Bromophenyl-phenylether	16.44	248	70016	2.296	ng/ul	96
69) Hexachlorobenzene	16.55	284	87635	2.577	ng/ul	97
70) Atrazine	16.70	200	51296	1.675	ng/ul	98
71) Pentachlorophenol	16.89	266	23116	1.423	ng/ul	99
72) Phenanthrene	17.29	178	390436	2.664	ng/ul	99
74) Anthracene	17.38	178	387402	2.595	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.28	216	107741	2.786	ng/uL	100
76) Pentachlorobenzene	14.80	250	105188	2.691	ng/uL	99
77) Carbazole	17.65	167	285204	2.249	ng/ul	99
78) Di-n-butylphthalate	18.22	149	261933	1.585	ng/ul	99
80) Fluoranthene	19.26	202	400230	2.321	ng/ul	100
82) Pyrene	19.62	202	468415	2.674	ng/ul	99
83) Butylbenzylphthalate	20.49	149	78920	1.109	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.26	252	66534	1.133	ng/ul	96
85) Benzo(a)anthracene	21.32	228	417515	2.398	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.26	149	128079	1.193	ng/ul	96
87) Chrysene	21.37	228	432359	2.592	ng/ul	99
89) Di-n-octyl phthalate	22.18	149	185084	1.149	ng/ul	100
90) Benzo(b)fluoranthene	22.98	252	410675	2.367	ng/ul	99
91) Benzo(k)fluoranthene	23.03	252	422178	2.512	ng/ul	98
93) Benzo(a)pyrene	23.60	252	380954	2.390	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.13	276	451203	2.210	ng/ul	98
95) Dibenzo(a,h)anthracene	26.14	278	387809	2.276	ng/ul	98
96) Benzo(g,h,i)perylene	26.87	276	369857	2.159	ng/ul	100

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

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