Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004160.D
Acq On : 05 Dec 2020 14:13
Operator : CG/JU
Sample : L4485-03
Misc : MDL-SOIL-03
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03

Quant Time: Dec 07 01:43:42 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	411027	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1734642	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1113026	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2455378	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	2591657	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2744970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	58610	5.48	ng/uL	0.00
4) Pyridine-d5	3.74	84	719219	23.66	ng/ul	0.00
7) Phenol-d5	7.00	99	1206054	32.82	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	765865	36.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	929221	32.50	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	964005	33.30	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	477296	33.75	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	414716	32.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	875563	30.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.77	131	1332402	31.95	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2962739	33.52	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3760242	34.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	439715	30.39	ng/ul	0.00
60) Fluorene-d10	15.49	176	2516019	32.55	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	286770	28.74	ng/ul	0.00
73) Anthracene-d10	17.35	188	3943289	32.68	ng/ul	0.00
81) Pyrene-d10	19.59	212	4488990	32.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4567229	30.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	8612	0.743	ng/uL#	83
5) Pyridine	3.76	79	98375	3.201	ng/ul#	62
6) Benzaldehyde	6.99	77	81514	4.992	ng/ul	98
8) Phenol	7.03	94	105685	2.811	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.28	93	94089	3.119	ng/ul	98
12) 2-Chlorophenol	7.41	128	81890	2.833	ng/ul	99
13) 2-Methylphenol	8.28	108	76182	2.663	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.37	45	112911	3.141	ng/ul	94
16) Acetophenone	8.67	105	134460	2.998	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	68122	2.892	ng/ul	96
18) 4-Methylphenol	8.61	108	82445	2.704	ng/ul	93
19) Hexachloroethane	8.93	117	35899	2.900	ng/ul	93
22) Nitrobenzene	9.04	77	102243	2.966	ng/ul	95
23) Isophorone	9.57	82	193886	2.784	ng/ul	99
25) 2-Nitrophenol	9.76	139	39547	2.858	ng/ul	99
26) 2,4-Dimethylphenol	9.82	107	90720	2.704	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	119350	2.880	ng/ul	97
29) 2,4-Dichlorophenol	10.29	162	75735	2.759	ng/ul#	87
30) Naphthalene	10.69	128	288041	2.970	ng/ul	100
32) 4-Chloroaniline	10.80	127	114449	2.874	ng/ul	96
33) Hexachlorobutadiene	10.99	225	55506	2.817	ng/ul	98
34) Caprolactam	11.58	113	21654	2.138	ng/ul	95

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35) 4-Chloro-3-methylphenol	11.92	107	72341	2.374	ng/ul	100
36) 2-Methylnaphthalene	12.31	142	198284	2.902	ng/ul	98
37) 1-Methylnaphthalene	12.53	142	187704	2.858	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	106267	2.843	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	55518	2.376	ng/ul	98
41) 2,4,6-Trichlorophenol	12.92	196	49933	2.320	ng/ul	99
42) 2,4,5-Trichlorophenol	12.98	196	53565	2.311	ng/ul	99
43) 1,1'-Biphenyl	13.33	154	259423	2.915	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	207004	2.933	ng/ul	100
45) 2-Nitroaniline	13.56	65	41240	2.380	ng/ul	91
47) Dimethylphthalate	13.95	163	258666	2.882	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	37980	2.332	ng/ul	99
50) Acenaphthylene	14.22	152	313079	2.909	ng/ul	100
51) 3-Nitroaniline	14.39	138	40534	2.667	ng/ul	97
52) Acenaphthene	14.56	153	216510	2.851	ng/ul	99
53) 2,4-Dinitrophenol	14.59	184	9651	1.537	ng/ul	93
55) 4-Nitrophenol	14.69	109	29601	2.720	ng/ul#	82
56) Dibenzofuran	14.89	168	309819	2.943	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	54887	2.467	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.12	232	45124	2.387	ng/ul	96
59) Diethylphthalate	15.32	149	248738	2.746	ng/ul	99
61) Fluorene	15.55	166	254932	2.919	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.55	204	132410	2.906	ng/ul	98
63) 4-Nitroaniline	15.55	138	43153	3.003	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.62	198	29396	2.640	ng/ul#	83
67) N-Nitrosodiphenylamine	15.76	169	212342	2.810	ng/ul	98
68) 4-Bromophenyl-phenylether	16.45	248	80862	2.752	ng/ul	95
69) Hexachlorobenzene	16.55	284	94352	2.879	ng/ul	96
70) Atrazine	16.71	200	71807	2.433	ng/ul	99
71) Pentachlorophenol	16.90	266	31523	2.014	ng/ul	99
72) Phenanthrene	17.29	178	415115	2.939	ng/ul	99
74) Anthracene	17.39	178	419479	2.915	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	108376	2.908	ng/uL	100
76) Pentachlorobenzene	14.81	250	106831	2.836	ng/uL	99
77) Carbazole	17.65	167	349376	2.859	ng/ul	99
78) Di-n-butylphthalate	18.22	149	384679	2.415	ng/ul	99
80) Fluoranthene	19.26	202	480462	2.783	ng/ul	98
82) Pyrene	19.62	202	516302	2.944	ng/ul	96
83) Butylbenzylphthalate	20.50	149	129611	1.819	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.26	252	128698	2.189	ng/ul	97
85) Benzo(a)anthracene	21.33	228	502177	2.880	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	224928	2.092	ng/ul	98
87) Chrysene	21.38	228	485316	2.907	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	330835	2.017	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	500911	2.834	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	477277	2.788	ng/ul	99
93) Benzo(a)pyrene	23.60	252	466718	2.875	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	537555	2.585	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	461157	2.657	ng/ul	99
96) Benzo(g,h,i)perylene	26.88	276	452999	2.596	ng/ul	99

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

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