Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120520\
Data File : BP004156.D
Acq On : 05 Dec 2020 11:57
Operator : CG/JU
Sample : L4485-01
Misc : MDL-SOIL-01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-01

Quant Time: Dec 07 01:41:46 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	382466	20.00	ng/ul	0.00
20) Naphthalene-d8	10.65	136	1597430	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.49	164	1018051	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.25	188	2234123	20.00	ng/ul	0.00
79) Chrysene-d12	21.35	240	2352003	20.00	ng/ul	0.00
88) Perylene-d12	23.71	264	2528849	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	51985	5.22	ng/uL	0.00
4) Pyridine-d5	3.74	84	720244	25.47	ng/ul	0.00
7) Phenol-d5	7.00	99	1172505	34.29	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.18	67	732222	37.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.38	132	897172	33.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.55	113	939967	34.89	ng/ul	0.00
21) Nitrobenzene-d5	9.00	128	462404	35.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.72	143	402154	33.82	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.26	165	856347	32.72	ng/ul	0.00
31) 4-Chloroaniline-d4	10.78	131	1293018	33.67	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2843563	35.17	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	3630187	36.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.67	143	428968	32.41	ng/ul	0.00
60) Fluorene-d10	15.49	176	2412641	34.12	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	271558	29.91	ng/ul	0.00
73) Anthracene-d10	17.35	188	3793987	34.55	ng/ul	0.00
81) Pyrene-d10	19.59	212	4330098	35.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.56	264	4437900	32.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.38	88	10521	0.975	ng/uL#	86
5) Pyridine	3.76	79	106529	3.725	ng/ul#	69
6) Benzaldehyde	6.99	77	91117	5.997	ng/ul	95
8) Phenol	7.03	94	118461	3.386	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.28	93	103434	3.685	ng/ul	98
12) 2-Chlorophenol	7.41	128	88628	3.295	ng/ul	97
13) 2-Methylphenol	8.28	108	85199	3.200	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.38	45	123120	3.681	ng/ul	95
16) Acetophenone	8.67	105	147065	3.524	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.65	70	75064	3.424	ng/ul	98
18) 4-Methylphenol	8.60	108	92439	3.258	ng/ul	97
19) Hexachloroethane	8.93	117	39461	3.425	ng/ul	99
22) Nitrobenzene	9.05	77	116648	3.675	ng/ul	96
23) Isophorone	9.57	82	218223	3.403	ng/ul	98
25) 2-Nitrophenol	9.76	139	42895	3.367	ng/ul	96
26) 2,4-Dimethylphenol	9.82	107	97710	3.162	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.06	93	131515	3.447	ng/ul	98
29) 2,4-Dichlorophenol	10.29	162	83961	3.321	ng/ul	91
30) Naphthalene	10.70	128	312577	3.499	ng/ul	99
32) 4-Chloroaniline	10.80	127	127727	3.483	ng/ul	99
33) Hexachlorobutadiene	10.99	225	59995	3.307	ng/ul	99
34) Caprolactam	11.58	113	24311	2.606	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.92	107	81016	2.887	ng/ul	97
36) 2-Methylnaphthalene	12.31	142	217678	3.460	ng/ul	99
37) 1-Methylnaphthalene	12.53	142	206536	3.415	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	119123	3.484	ng/ul	99
40) Hexachlorocyclopentadiene	12.66	237	62238	2.912	ng/ul	97
41) 2,4,6-Trichlorophenol	12.92	196	55862	2.838	ng/ul	96
42) 2,4,5-Trichlorophenol	12.98	196	58839	2.775	ng/ul	97
43) 1,1'-Biphenyl	13.33	154	287010	3.525	ng/ul	99
44) 2-Chloronaphthalene	13.36	162	227136	3.518	ng/ul	99
45) 2-Nitroaniline	13.56	65	45441	2.867	ng/ul	97
47) Dimethylphthalate	13.95	163	280187	3.413	ng/ul	100
48) 2,6-Dinitrotoluene	14.06	165	42148	2.829	ng/ul	99
50) Acenaphthylene	14.22	152	339558	3.449	ng/ul	99
51) 3-Nitroaniline	14.39	138	43904	3.158	ng/ul	88
52) Acenaphthene	14.56	153	238532	3.434	ng/ul	100
53) 2,4-Dinitrophenol	14.59	184	11168	1.945	ng/ul#	84
55) 4-Nitrophenol	14.69	109	33053	3.321	ng/ul#	88
56) Dibenzofuran	14.89	168	336747	3.498	ng/ul	100
57) 2,4-Dinitrotoluene	14.85	165	60788	2.987	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	48361	2.796	ng/ul#	95
59) Diethylphthalate	15.32	149	273303	3.299	ng/ul	99
61) Fluorene	15.55	166	278914	3.491	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.55	204	143256	3.437	ng/ul	98
63) 4-Nitroaniline	15.55	138	50443	3.838	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	31582	3.118	ng/ul#	84
67) N-Nitrosodiphenylamine	15.76	169	232506	3.382	ng/ul	97
68) 4-Bromophenyl-phenylether	16.45	248	88161	3.297	ng/ul	98
69) Hexachlorobenzene	16.55	284	102661	3.443	ng/ul	96
70) Atrazine	16.71	200	80416	2.994	ng/ul	98
71) Pentachlorophenol	16.90	266	39116	2.746	ng/ul	96
72) Phenanthrene	17.29	178	451862	3.516	ng/ul	98
74) Anthracene	17.39	178	459979	3.513	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.29	216	118044	3.481	ng/uL	99
76) Pentachlorobenzene	14.81	250	117613	3.431	ng/uL	97
77) Carbazole	17.65	167	389981	3.507	ng/ul	99
78) Di-n-butylphthalate	18.22	149	433095	2.988	ng/ul	99
80) Fluoranthene	19.26	202	529550	3.380	ng/ul	98
82) Pyrene	19.62	202	567291	3.564	ng/ul	97
83) Butylbenzylphthalate	20.50	149	147208	2.277	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.26	252	152324	2.854	ng/ul	99
85) Benzo(a)anthracene	21.33	228	554818	3.507	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.27	149	256448	2.629	ng/ul	98
87) Chrysene	21.38	228	533258	3.519	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	382592	2.532	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	524069	3.218	ng/ul	98
91) Benzo(k)fluoranthene	23.03	252	560017	3.550	ng/ul	99
93) Benzo(a)pyrene	23.60	252	516564	3.454	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.13	276	601597	3.141	ng/ul	99
95) Dibenzo(a,h)anthracene	26.15	278	510581	3.194	ng/ul	99
96) Benzo(g,h,i)perylene	26.87	276	505955	3.148	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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