Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031821\
Data File : BP004998.D
Acq On : 18 Mar 2021 15:07
Operator : CG/JU
Sample : M1344-04
Misc : SFAM-MDL-MES-01
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 18 15:37:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:42:23 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	41911	20.00	ng/ul	0.00
20) Naphthalene-d8	10.52	136	163288	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.37	164	107724	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	238514	20.00	ng/ul	0.00
79) Chrysene-d12	21.23	240	258663	20.00	ng/ul	0.00
88) Perylene-d12	23.52	264	247556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	4565	4.31	ng/uL	0.00
4) Pyridine-d5	3.64	84	66141	25.56	ng/ul	0.00
7) Phenol-d5	6.90	99	108299	31.82	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.06	67	58424	32.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.26	132	94779	34.63	ng/ul	0.00
15) 4-Methylphenol-d8	8.43	113	85856	31.81	ng/ul	0.00
21) Nitrobenzene-d5	8.88	128	45682	36.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.60	143	52774	37.39	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.14	165	91934	33.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.66	131	119913	32.48	ng/ul	0.00
46) Dimethylphthalate-d6	13.79	166	290613	35.32	ng/ul	0.00
49) Acenaphthylene-d8	14.07	160	353350	36.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.59	143	45676	31.56	ng/ul	0.00
60) Fluorene-d10	15.37	176	254360	35.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.50	200	53129	31.91	ng/ul	0.00
73) Anthracene-d10	17.23	188	390106	34.77	ng/ul	0.00
81) Pyrene-d10	19.48	212	448315	34.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.37	264	507370	38.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	1182	1.076	ng/uL	97
5) Pyridine	3.66	79	10218	3.827	ng/ul#	41
6) Benzaldehyde	6.88	77	9231	5.218	ng/ul#	88
8) Phenol	6.92	94	15261	4.298	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.16	93	11766	4.360	ng/ul#	94
12) 2-Chlorophenol	7.29	128	12892	4.505	ng/ul	99
13) 2-Methylphenol	8.17	108	11403	4.217	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.26	45	11583	4.320	ng/ul	95
16) Acetophenone	8.55	105	19392	4.372	ng/ul	94
17) N-Nitroso-di-n-propylamine	8.53	70	8783	4.266	ng/ul#	86
18) 4-Methylphenol	8.50	108	13416	4.660	ng/ul	96
19) Hexachloroethane	8.80	117	5486	4.434	ng/ul	96
22) Nitrobenzene	8.92	77	14355	4.506	ng/ul	98
23) Isophorone	9.45	82	23091	4.095	ng/ul#	93
25) 2-Nitrophenol	9.63	139	7570	4.922	ng/ul	93
26) 2,4-Dimethylphenol	9.70	107	14746	4.576	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.93	93	14685	4.377	ng/ul	99
29) 2,4-Dichlorophenol	10.16	162	12387	4.638	ng/ul	93
30) Naphthalene	10.56	128	43371	4.821	ng/ul	99
32) 4-Chloroaniline	10.68	127	16827	4.506	ng/ul	98
33) Hexachlorobutadiene	10.85	225	9588	4.748	ng/ul	96
34) Caprolactam	11.49	113	3153m	3.575	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.82	107	11687	4.119	ng/ul#	90
36) 2-Methylnaphthalene	12.19	142	29715	4.701	ng/ul	100
37) 1-Methylnaphthalene	12.40	142	29322	4.603	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	18179	4.695	ng/ul#	97
40) Hexachlorocyclopentadiene	12.53	237	9478	3.856	ng/ul	91
41) 2,4,6-Trichlorophenol	12.80	196	10719	4.465	ng/ul	92
42) 2,4,5-Trichlorophenol	12.87	196	10423	4.027	ng/ul	93
43) 1,1'-Biphenyl	13.20	154	39702	4.630	ng/ul#	97
44) 2-Chloronaphthalene	13.25	162	31124	4.614	ng/ul	95
45) 2-Nitroaniline	13.46	65	6397	3.573	ng/ul#	69
47) Dimethylphthalate	13.84	163	39458	4.661	ng/ul	98
48) 2,6-Dinitrotoluene	13.96	165	7505	4.376	ng/ul#	86
50) Acenaphthylene	14.10	152	45681	4.634	ng/ul#	96
51) 3-Nitroaniline	14.29	138	6330	3.974	ng/ul#	87
52) Acenaphthene	14.44	153	32162	4.550	ng/ul	98
53) 2,4-Dinitrophenol	14.50	184	3725	3.313	ng/ul#	84
55) 4-Nitrophenol	14.60	109	6054	4.442	ng/ul	88
56) Dibenzofuran	14.78	168	48297	4.744	ng/ul	98
57) 2,4-Dinitrotoluene	14.75	165	10709	4.418	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.00	232	10606	4.592	ng/ul#	91
59) Diethylphthalate	15.21	149	36682	4.419	ng/ul	97
61) Fluorene	15.43	166	38992	4.633	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.43	204	21878	4.793	ng/ul	100
63) 4-Nitroaniline	15.46	138	6398	4.088	ng/ul#	78
66) 4,6-Dinitro-2-methylphenol	15.51	198	7507	4.481	ng/ul#	81
67) N-Nitrosodiphenylamine	15.65	169	34135	4.766	ng/ul	97
68) 4-Bromophenyl-phenylether	16.33	248	13468	4.811	ng/ul	98
69) Hexachlorobenzene	16.43	284	15705	5.000	ng/ul#	91
70) Atrazine	16.60	200	11840	4.071	ng/ul	97
71) Pentachlorophenol	16.78	266	7848	3.803	ng/ul#	89
72) Phenanthrene	17.17	178	62089	4.584	ng/ul	99
74) Anthracene	17.27	178	63426	4.635	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.17	216	18454	4.605	ng/uL	92
76) Pentachlorobenzene	14.70	250	18106	4.505	ng/uL	98
77) Carbazole	17.55	167	50587	4.211	ng/ul	94
78) Di-n-butylphthalate	18.10	149	55187	4.032	ng/ul	98
80) Fluoranthene	19.16	202	73407	4.549	ng/ul#	95
82) Pyrene	19.51	202	78014	4.675	ng/ul	97
83) Butylbenzylphthalate	20.39	149	24170	4.026	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.15	252	20948	3.524	ng/ul	93
85) Benzo(a)anthracene	21.22	228	77734	4.655	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.15	149	36266	3.959	ng/ul#	99
87) Chrysene	21.26	228	76585	4.676	ng/ul	98
89) Di-n-octyl phthalate	22.03	149	60370	3.802	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	79737	4.804	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	79079	4.803	ng/ul	99
93) Benzo(a)pyrene	23.42	252	70059	4.802	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.86	276	85063	4.613	ng/ul	97
95) Dibenzo(a,h)anthracene	25.87	278	73867	4.790	ng/ul	98
96) Benzo(g,h,i)perylene	26.57	276	76321	4.926	ng/ul	99

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

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