Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032221\
Data File : BM029179.D
Acq On : 22 Mar 2021 15:25
Operator : CG/JU
Sample : M1344-04
Misc : SFAM-MDL-S-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2021-04

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Quant Time: Mar 22 15:56:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM031921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 22 14:22:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	96994	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	378279	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	226612	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	477711	20.00	ng/ul	0.00
79) Chrysene-d12	21.29	240	514699	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	552308	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	10813	4.38	ng/uL	0.00
4) Pyridine-d5	3.69	84	162729	25.23	ng/ul	0.00
7) Phenol-d5	6.93	99	245296	32.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	161869	36.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	201552	33.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	190551	32.05	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	86017	35.75	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	84054	36.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	185786	30.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	252144	29.65	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	557307	32.61	ng/ul	0.00
49) Acenaphthylene-d8	14.08	160	684458	33.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	86736	31.16	ng/ul	0.00
60) Fluorene-d10	15.38	176	483431	32.87	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	63477	28.19	ng/ul	0.00
73) Anthracene-d10	17.23	188	735126	32.22	ng/ul	0.00
81) Pyrene-d10	19.51	212	813828	33.88	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	993289	33.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	3004	1.213	ng/uL#	85
5) Pyridine	3.72	79	29203	4.407	ng/ul#	53
6) Benzaldehyde	6.92	77	23251	5.656	ng/ul	87
8) Phenol	6.96	94	37230	4.625	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.20	93	26647	4.479	ng/ul	97
12) 2-Chlorophenol	7.33	128	29166	4.585	ng/ul	96
13) 2-Methylphenol	8.20	108	25342	4.267	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.30	45	39186	5.026	ng/ul	100
16) Acetophenone	8.59	105	43738	4.501	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.57	70	22192	4.801	ng/ul	97
18) 4-Methylphenol	8.53	108	28708	4.553	ng/ul	98
19) Hexachloroethane	8.85	117	12621	4.633	ng/ul	98
22) Nitrobenzene	8.96	77	34864	4.970	ng/ul#	98
23) Isophorone	9.49	82	55026	4.390	ng/ul	98
25) 2-Nitrophenol	9.67	139	13460	5.093	ng/ul	93
26) 2,4-Dimethylphenol	9.73	107	31753	4.421	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.97	93	34402	4.595	ng/ul	95
29) 2,4-Dichlorophenol	10.19	162	26900	4.422	ng/ul	92
30) Naphthalene	10.60	128	92933	4.535	ng/ul	98
32) 4-Chloroaniline	10.70	127	38289	4.427	ng/ul	99
33) Hexachlorobutadiene	10.89	225	17773	4.069	ng/ul	93
34) Caprolactam	11.49	113	5234m	3.385	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	24676	4.176	ng/ul	97
36) 2-Methylnaphthalene	12.21	142	63764	4.404	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	61053	4.271	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	33387	4.264	ng/ul	94
40) Hexachlorocyclopentadiene	12.57	237	18483	3.594	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.82	196	17163	3.986	ng/ul	93
42) 2,4,5-Trichlorophenol	12.89	196	19419	4.235	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	83531	4.528	ng/ul	96
44) 2-Chloronaphthalene	13.26	162	63622	4.368	ng/ul	99
45) 2-Nitroaniline	13.46	65	13485	4.316	ng/ul	94
47) Dimethylphthalate	13.85	163	79726	4.558	ng/ul	98
48) 2,6-Dinitrotoluene	13.96	165	11226	4.124	ng/ul#	84
50) Acenaphthylene	14.11	152	96256	4.606	ng/ul	99
51) 3-Nitroaniline	14.29	138	11870	3.943	ng/ul#	97
52) Acenaphthene	14.45	153	69681	4.491	ng/ul	98
53) 2,4-Dinitrophenol	14.49	184	5321	3.642	ng/ul	95
55) 4-Nitrophenol	14.59	109	12190	4.603	ng/ul	92
56) Dibenzofuran	14.79	168	97727	4.532	ng/ul	98
57) 2,4-Dinitrotoluene	14.74	165	17068	4.394	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.01	232	14615	3.978	ng/ul	97
59) Diethylphthalate	15.22	149	76885	4.464	ng/ul	98
61) Fluorene	15.44	166	81856	4.537	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.43	204	39864	4.402	ng/ul	97
63) 4-Nitroaniline	15.44	138	12169	3.873	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.50	198	9942	4.197	ng/ul#	69
67) N-Nitrosodiphenylamine	15.64	169	66373	4.349	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	22898	4.504	ng/ul	96
69) Hexachlorobenzene	16.43	284	25067	4.427	ng/ul#	92
70) Atrazine	16.59	200	21916	3.749	ng/ul	94
71) Pentachlorophenol	16.77	266	10274	3.195	ng/ul	98
72) Phenanthrene	17.17	178	128212	4.546	ng/ul	99
74) Anthracene	17.26	178	130892	4.517	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	32590	4.224	ng/uL	94
76) Pentachlorobenzene	14.71	250	28962	3.845	ng/uL	96
77) Carbazole	17.53	167	109032	4.088	ng/ul	98
78) Di-n-butylphthalate	18.10	149	108129	3.925	ng/ul	98
80) Fluoranthene	19.18	202	136128	4.411	ng/ul	99
82) Pyrene	19.54	202	156891	4.850	ng/ul	96
83) Butylbenzylphthalate	20.44	149	42010	3.696	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.21	252	37329	3.502	ng/ul	98
85) Benzo(a)anthracene	21.27	228	148246	4.465	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	68570	3.671	ng/ul	100
87) Chrysene	21.33	228	149056	4.591	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	112776	3.201	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	153258	4.294	ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	161261m	4.522	ng/ul	
93) Benzo(a)pyrene	23.43	252	145374	4.495	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.79	276	190633	4.383	ng/ul	97
95) Dibenzo(a,h)anthracene	25.80	278	159365	4.343	ng/ul	98
96) Benzo(g,h,i)perylene	26.48	276	155144	4.349	ng/ul	97

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

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