Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032221\
Data File : BM029181.D
Acq On : 22 Mar 2021 16:38
Operator : CG/JU
Sample : M1344-06
Misc : SFAM-MDL-MES-02
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
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3/23/2021 11:23:21 AM

Quant Time: Mar 22 17:09:16 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	103202	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	401381	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.39	164	246600	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	523376	20.00	ng/ul	0.00
79) Chrysene-d12	21.29	240	565014	20.00	ng/ul	0.00
88) Perylene-d12	23.53	264	597265	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	11116	4.23	ng/uL	0.00
4) Pyridine-d5	3.69	84	174537	25.43	ng/ul	0.00
7) Phenol-d5	6.93	99	262029	32.15	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	169696	36.02	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	213731	33.69	ng/ul	0.00
15) 4-Methylphenol-d8	8.46	113	201340	31.83	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	91910	36.00	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	90546	37.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	196668	30.84	ng/ul	0.00
31) 4-Chloroaniline-d4	10.68	131	272891	30.24	ng/ul	0.00
46) Dimethylphthalate-d6	13.80	166	612426	32.93	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	753948	34.29	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	94568	31.22	ng/ul	0.00
60) Fluorene-d10	15.38	176	528384	33.01	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.49	200	73558	29.81	ng/ul	0.00
73) Anthracene-d10	17.23	188	807165	32.29	ng/ul	0.00
81) Pyrene-d10	19.51	212	906392	34.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.39	264	1073491	33.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	2441	0.926	ng/uL	97
5) Pyridine	3.71	79	31501	4.468	ng/ul#	33
6) Benzaldehyde	6.92	77	24092	5.508	ng/ul	98
8) Phenol	6.96	94	39278	4.585	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.20	93	29307	4.630	ng/ul	97
12) 2-Chlorophenol	7.33	128	30713	4.538	ng/ul	95
13) 2-Methylphenol	8.20	108	26219	4.150	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.29	45	41067	4.950	ng/ul#	94
16) Acetophenone	8.59	105	46375	4.485	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.57	70	23717	4.823	ng/ul	98
18) 4-Methylphenol	8.53	108	30208	4.503	ng/ul	97
19) Hexachloroethane	8.85	117	12710	4.385	ng/ul	95
22) Nitrobenzene	8.96	77	37836	5.083	ng/ul	98
23) Isophorone	9.49	82	59040	4.440	ng/ul	97
25) 2-Nitrophenol	9.66	139	14867	5.302	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	33429	4.387	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.97	93	37109	4.671	ng/ul	95
29) 2,4-Dichlorophenol	10.19	162	29884	4.630	ng/ul	93
30) Naphthalene	10.60	128	100039	4.601	ng/ul	98
32) 4-Chloroaniline	10.70	127	40445	4.408	ng/ul	98
33) Hexachlorobutadiene	10.89	225	19781	4.268	ng/ul	94
34) Caprolactam	11.49	113	6150m	3.749	ng/ul	

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35) 4-Chloro-3-methylphenol	11.82	107	26780	4.271	ng/ul	96
36) 2-Methylnaphthalene	12.21	142	69324	4.513	ng/ul	98
37) 1-Methylnaphthalene	12.43	142	66461	4.382	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.58	216	35523	4.169	ng/ul	97
40) Hexachlorocyclopentadiene	12.56	237	19326	3.453	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.82	196	18081	3.859	ng/ul	100
42) 2,4,5-Trichlorophenol	12.89	196	21282	4.266	ng/ul	96
43) 1,1'-Biphenyl	13.23	154	90360	4.501	ng/ul	98
44) 2-Chloronaphthalene	13.26	162	70319	4.437	ng/ul	98
45) 2-Nitroaniline	13.46	65	15848	4.661	ng/ul	96
47) Dimethylphthalate	13.85	163	88271	4.637	ng/ul#	99
48) 2,6-Dinitrotoluene	13.96	165	12593	4.251	ng/ul	94
50) Acenaphthylene	14.11	152	104847	4.611	ng/ul	99
51) 3-Nitroaniline	14.29	138	12625	3.854	ng/ul	98
52) Acenaphthene	14.45	153	75689	4.483	ng/ul	96
53) 2,4-Dinitrophenol	14.49	184	5444	3.424	ng/ul	96
55) 4-Nitrophenol	14.59	109	13212	4.585	ng/ul	93
56) Dibenzofuran	14.79	168	109020	4.646	ng/ul	98
57) 2,4-Dinitrotoluene	14.74	165	19897	4.707	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.01	232	15721	3.932	ng/ul	91
59) Diethylphthalate	15.22	149	85134	4.542	ng/ul	98
61) Fluorene	15.44	166	88519	4.509	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.43	204	42319	4.294	ng/ul	97
63) 4-Nitroaniline	15.44	138	13462	3.937	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.50	198	11558	4.453	ng/ul#	71
67) N-Nitrosodiphenylamine	15.64	169	72653	4.346	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	23766	4.267	ng/ul	91
69) Hexachlorobenzene	16.43	284	27523	4.436	ng/ul	91
70) Atrazine	16.59	200	24361	3.804	ng/ul	95
71) Pentachlorophenol	16.77	266	11776	3.343	ng/ul	93
72) Phenanthrene	17.17	178	139206	4.505	ng/ul	98
74) Anthracene	17.26	178	143874	4.531	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	34414	4.072	ng/uL	97
76) Pentachlorobenzene	14.71	250	31739	3.846	ng/uL	98
77) Carbazole	17.52	167	120523	4.124	ng/ul	99
78) Di-n-butylphthalate	18.10	149	122243	4.050	ng/ul	99
80) Fluoranthene	19.17	202	150527	4.443	ng/ul#	96
82) Pyrene	19.54	202	171583	4.832	ng/ul#	94
83) Butylbenzylphthalate	20.44	149	47079	3.773	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.21	252	41517	3.548	ng/ul	98
85) Benzo(a)anthracene	21.27	228	162026	4.445	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.22	149	75085	3.662	ng/ul	98
87) Chrysene	21.33	228	162490	4.560	ng/ul	100
89) Di-n-octyl phthalate	22.10	149	125866	3.304	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	163138	4.226	ng/ul	96
91) Benzo(k)fluoranthene	22.90	252	175168	4.542	ng/ul	99
93) Benzo(a)pyrene	23.43	252	160061	4.576	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.79	276	206589	4.392	ng/ul	97
95) Dibenzo(a,h)anthracene	25.80	278	173983	4.384	ng/ul	99
96) Benzo(g,h,i)perylene	26.47	276	166516	4.316	ng/ul	97

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

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