Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028841.D
Acq On : 20 Feb 2021 13:28
Operator : CG/JU
Sample : SSTD00502
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00502

Quant Time: Feb 20 15:54:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 20 15:43:14 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	19924	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	81095	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	49498	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	100128	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	92499	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	86321	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	789	1.67	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.36	132	6102	4.14	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.00	128	2554	3.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	2780	3.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	5639	4.08	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.90	166	17795	4.53	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	21785	4.34	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.48	176	14856	4.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.33	188	22738	4.41	ng/ul	0.00
79) Pyrene-d10	19.61	212	23139	4.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	22042	4.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	890	1.823	ng/uL#	82
10) 2-Chlorophenol	7.39	128	6418	4.315	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	4209	4.081	ng/ul	97
17) Hexachloroethane	8.90	117	2837	4.328	ng/ul	91
20) Nitrobenzene	9.05	77	6440	3.879	ng/ul	94
21) Isophorone	9.57	82	11615	4.020	ng/ul	100
23) 2-Nitrophenol	9.75	139	3171	3.948	ng/ul	91
24) 2,4-Dimethylphenol	9.82	107	6823	4.421	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	7903	4.275	ng/ul	98
27) 2,4-Dichlorophenol	10.30	162	5814	4.389	ng/ul	95
28) Naphthalene	10.68	128	20561	4.403	ng/ul	99
31) Hexachlorobutadiene	10.95	225	3983	4.601	ng/ul	97
33) 4-Chloro-3-methylphenol	11.95	107	5751	4.268	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	14594	4.711	ng/ul	97
35) 1-Methylnaphthalene	12.52	142	14440	3.995	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	7335	4.296	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	4465	4.107	ng/ul	96
40) 2,4,5-Trichlorophenol	13.00	196	4797	4.152	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	19018	4.398	ng/ul	98
42) 2-Chloronaphthalene	13.36	162	14627	4.321	ng/ul	94
43) 2-Nitroaniline	13.58	65	3306	3.411	ng/ul	87
45) Dimethylphthalate	13.95	163	18267	4.585	ng/ul	98
46) 2,6-Dinitrotoluene	14.08	165	3101	3.804	ng/ul	92

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48) Acenaphthylene	14.21	152	20769	4.134 ng/ul	98
50) Acenaphthene	14.55	153	15933	4.462 ng/ul	98
54) Dibenzofuran	14.89	168	21849	4.560 ng/ul	99
55) 2,4-Dinitrotoluene	14.87	165	4584	4.073 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.12	232	3747	3.965 ng/ul#	97
57) Diethylphthalate	15.31	149	18305	4.493 ng/ul	99
59) Fluorene	15.53	166	17844	4.527 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.53	204	8919	4.604 ng/ul	95
65) N-Nitrosodiphenylamine	15.74	169	14971	4.407 ng/ul	95
66) 4-Bromophenyl-phenylether	16.42	248	5009	4.191 ng/ul	96
67) Hexachlorobenzene	16.53	284	6118	4.474 ng/ul#	92
70) Phenanthrene	17.27	178	27697	4.480 ng/ul	98
72) Anthracene	17.36	178	27962	4.431 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.28	216	7498	4.336 ng/uL	97
74) Pentachlorobenzene	14.80	250	7088	4.368 ng/uL	94
76) Di-n-butylphthalate	18.19	149	30635	4.266 ng/ul	99
80) Pyrene	19.64	202	31394	4.387 ng/ul	97
81) Butylbenzylphthalate	20.53	149	13254	4.136 ng/ul	92
83) Benzo(a)anthracene	21.37	228	28917	4.498 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	20866	4.340 ng/ul	100
85) Chrysene	21.42	228	28329	4.545 ng/ul	99
88) Benzo(b)fluoranthene	22.94	252	28451	4.869 ng/ul	98
89) Benzo(k)fluoranthene	22.99	252	27470	4.801 ng/ul	99
91) Benzo(a)pyrene	23.51	252	24774	4.592 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.84	276	28993	4.408 ng/ul	96
93) Dibenzo(a,h)anthracene	25.86	278	24020	4.333 ng/ul	96
94) Benzo(g,h,i)perylene	26.53	276	23225	4.232 ng/ul	97

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

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