Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022721\
Data File : BM028913.D
Acq On : 26 Feb 2021 10:42
Operator : CG/JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00503

Quant Time: Feb 26 12:47:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 12:32:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	12121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	46789	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	26329	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	52979	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	52556	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	55273	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	494	1.94	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	7.31	132	3691	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.95	128	1551	4.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	1609	4.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	3245	4.54	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.86	166	8808	4.64	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	11294	4.67	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.43	176	7985	5.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.28	188	11781	4.88	ng/ul	0.00
79) Pyrene-d10	19.57	212	12600	4.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	13610	4.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	470	1.790	ng/uL#	93
10) 2-Chlorophenol	7.34	128	3693	4.490	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	2302	4.050	ng/ul#	92
17) Hexachloroethane	8.85	117	1643	4.790	ng/ul	98
20) Nitrobenzene	9.00	77	3689	4.749	ng/ul	98
21) Isophorone	9.52	82	6485	4.573	ng/ul	93
23) 2-Nitrophenol	9.70	139	1828	4.352	ng/ul	94
24) 2,4-Dimethylphenol	9.77	107	3855	4.674	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.00	93	4392	4.745	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	3225	4.508	ng/ul#	95
28) Naphthalene	10.63	128	12004	5.028	ng/ul	96
31) Hexachlorobutadiene	10.90	225	2167	4.828	ng/ul	93
33) 4-Chloro-3-methylphenol	11.89	107	3356	4.530	ng/ul	94
34) 2-Methylnaphthalene	12.25	142	8017	4.651	ng/ul	99
35) 1-Methylnaphthalene	12.47	142	7628	4.549	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.62	216	4007	5.142	ng/ul	97
39) 2,4,6-Trichlorophenol	12.87	196	2372	4.658	ng/ul	98
40) 2,4,5-Trichlorophenol	12.95	196	2422	4.416	ng/ul	87
41) 1,1'-Biphenyl	13.27	154	10263	5.106	ng/ul	98
42) 2-Chloronaphthalene	13.32	162	7992	5.118	ng/ul	96
43) 2-Nitroaniline	13.54	65	1686	4.114	ng/ul	95
45) Dimethylphthalate	13.90	163	9454	4.831	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	1550	3.957	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Acenaphthylene	14.16	152	11121	4.850 ng/ul	98
50) Acenaphthene	14.50	153	8109	4.838 ng/ul	95
54) Dibenzofuran	14.84	168	11489	4.945 ng/ul	98
55) 2,4-Dinitrotoluene	14.83	165	2411	4.250 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	15.08	232	1883	4.239 ng/ul#	96
57) Diethylphthalate	15.27	149	9537	4.682 ng/ul	98
59) Fluorene	15.49	166	9426	4.857 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.49	204	4842	5.084 ng/ul	96
65) N-Nitrosodiphenylamine	15.70	169	7574	4.656 ng/ul	96
66) 4-Bromophenyl-phenylether	16.38	248	2526	4.587 ng/ul	99
67) Hexachlorobenzene	16.49	284	2886	4.583 ng/ul#	87
70) Phenanthrene	17.23	178	14222	4.851 ng/ul	98
72) Anthracene	17.32	178	14389	4.747 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.23	216	3989	5.150 ng/uL	91
74) Pentachlorobenzene	14.76	250	3671	4.947 ng/uL	99
76) Di-n-butylphthalate	18.14	149	15297	4.325 ng/ul	99
80) Pyrene	19.60	202	16739	4.727 ng/ul	98
81) Butylbenzylphthalate	20.49	149	7210	4.392 ng/ul	98
83) Benzo(a)anthracene	21.33	228	16654	5.096 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	11217	4.420 ng/ul	97
85) Chrysene	21.38	228	16008	5.063 ng/ul	97
88) Benzo(b)fluoranthene	22.89	252	18033	4.975 ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	16642	4.703 ng/ul	97
91) Benzo(a)pyrene	23.45	252	15602	4.992 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	19530	5.460 ng/ul	96
93) Dibenzo(a,h)anthracene	25.76	278	16893	5.531 ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	16356	5.638 ng/ul	96

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

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