Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022120\
Data File : BM025003.D
Acq On : 22 Feb 2020 00:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Feb 22 01:34:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	196501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	791087	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	550717	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1298824	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1520833	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1736334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.94	96	41212	10.09	ng/uL	0.00
5) Phenol-d5	6.54	99	298422	22.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	183863	24.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	248620	21.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	247844	22.50	ng/ul	0.00
19) Nitrobenzene-d5	8.47	128	122187	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	136100	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.73	165	278190	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.24	131	289115	22.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.42	166	853842	20.54	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1036310	21.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	128408	19.01	ng/ul	0.00
58) Fluorene-d10	15.00	176	782367	21.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	153583	18.14	ng/ul	0.00
71) Anthracene-d10	16.85	188	1240626	20.92	ng/ul	0.00
79) Pyrene-d10	19.16	212	1501660	19.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.92	264	1834071	21.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.97	88	42570	9.881	ng/uL#	89
4) Benzaldehyde	6.49	77	120930	14.085	ng/ul	97
6) Phenol	6.56	94	307623	22.389	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.78	93	255752	23.051	ng/ul	99
10) 2-Chlorophenol	6.91	128	255123	21.397	ng/ul	98
11) 2-Methylphenol	7.79	108	233771	21.919	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.87	45	124235	14.239	ng/ul#	63
14) Acetophenone	8.15	105	388666	22.392	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.15	70	205614	25.062	ng/ul#	83
16) 4-Methylphenol	8.12	108	260863	22.654	ng/ul	97
17) Hexachloroethane	8.39	117	116261	21.624	ng/ul	87
20) Nitrobenzene	8.52	77	318688	23.464	ng/ul	92
21) Isophorone	9.05	82	557462	22.633	ng/ul	94
23) 2-Nitrophenol	9.22	139	143280	19.694	ng/ul#	91
24) 2,4-Dimethylphenol	9.30	107	289997	21.337	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.53	93	349387	22.615	ng/ul	98
27) 2,4-Dichlorophenol	9.75	162	271920	20.193	ng/ul	97
28) Naphthalene	10.14	128	859919	21.275	ng/ul	99
30) 4-Chloroaniline	10.26	127	283503	22.269	ng/ul	99
31) Hexachlorobutadiene	10.44	225	210454	18.814	ng/ul	97
32) Caprolactam	11.03	113	74036	20.973	ng/ul	84
33) 4-Chloro-3-methylphenol	11.40	107	264860	21.198	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	619858	20.819	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	627559	21.134 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.15	216	378034	19.411 ng/ul#	96
38) Hexachlorocyclopentadiene	12.14	237	213189	15.524 ng/ul	95
39) 2,4,6-Trichlorophenol	12.40	196	235525	19.648 ng/ul	97
40) 2,4,5-Trichlorophenol	12.48	196	244068	19.480 ng/ul	99
41) 1,1'-Biphenyl	12.82	154	833966	20.513 ng/ul	98
42) 2-Chloronaphthalene	12.85	162	688812	20.751 ng/ul	99
43) 2-Nitroaniline	13.06	65	156948	22.423 ng/ul	93
45) Dimethylphthalate	13.47	163	868468	20.026 ng/ul	99
46) 2,6-Dinitrotoluene	13.58	165	177119	20.198 ng/ul	90
48) Acenaphthylene	13.71	152	1067179	21.222 ng/ul	99
49) 3-Nitroaniline	13.91	138	114173	17.285 ng/ul#	80
50) Acenaphthene	14.06	153	715744	21.076 ng/ul	98
51) 2,4-Dinitrophenol	14.13	184	126769	23.729 ng/ul	96
53) 4-Nitrophenol	14.24	109	101699	18.434 ng/ul	92
54) Dibenzofuran	14.40	168	1052306	20.787 ng/ul	99
55) 2,4-Dinitrotoluene	14.38	165	263055	21.019 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.64	232	247313	20.201 ng/ul#	99
57) Diethylphthalate	14.86	149	846990	19.739 ng/ul	99
59) Fluorene	15.06	166	874744	20.967 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.06	204	471784	19.640 ng/ul	98
61) 4-Nitroaniline	15.08	138	135962	16.621 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.15	198	162892	17.976 ng/ul	100
65) N-Nitrosodiphenylamine	15.28	169	741126	20.428 ng/ul	98
66) 4-Bromophenyl-phenylether	15.96	248	303703	18.661 ng/ul	99
67) Hexachlorobenzene	16.07	284	378533	19.680 ng/ul	100
68) Atrazine	16.25	200	288867	18.531 ng/ul	98
69) Pentachlorophenol	16.42	266	207246	18.007 ng/ul	99
70) Phenanthrene	16.79	178	1468629	20.738 ng/ul	100
72) Anthracene	16.88	178	1472516	20.502 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.77	216	397349	18.631 ng/uL	98
74) Pentachlorobenzene	14.32	250	410076	18.118 ng/uL	98
75) Carbazole	17.16	167	1220913	20.405 ng/ul	100
76) Di-n-butylphthalate	17.76	149	1401174	18.405 ng/ul	99
77) Fluoranthene	18.82	202	1837447	21.136 ng/ul	97
80) Pyrene	19.19	202	1924867	19.121 ng/ul#	95
81) Butylbenzylphthalate	20.13	149	657193	17.453 ng/ul	96
82) 3,3'-Dichlorobenzidine	20.90	252	539686	15.181 ng/ul	99
83) Benzo(a)anthracene	20.95	228	1970486	19.235 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	984730	16.522 ng/ul	99
85) Chrysene	21.00	228	1980553	19.638 ng/ul	99
87) Di-n-octyl phthalate	21.77	149	1679072	16.182 ng/ul	100
88) Benzo(b)fluoranthene	22.43	252	2222093	20.126 ng/ul	99
89) Benzo(k)fluoranthene	22.47	252	2168153	20.402 ng/ul	99
91) Benzo(a)pyrene	22.96	252	2034052	20.549 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.06	276	2606302	21.149 ng/ul	97
93) Dibenzo(a,h)anthracene	25.07	278	2188173	20.840 ng/ul	99
94) Benzo(g,h,i)perylene	25.66	276	2224282	21.702 ng/ul	99

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

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