Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081020\
Data File : BM027027.D
Acq On : 10 Aug 2020 18:51
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02011

Quant Time: Aug 10 19:22:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:56:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	75551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	275335	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	189548	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	418124	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	464690	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	476634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	12878	7.75	ng/uL	0.00
5) Phenol-d5	6.82	99	111634	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	78003	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	87775	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	87132	19.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	41646	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	44122	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	97168	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	106435	19.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	284244	18.81	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	343448	19.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	46575	18.25	ng/ul	0.00
58) Fluorene-d10	15.27	176	264673	20.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	40199	17.60	ng/ul	0.00
71) Anthracene-d10	17.12	188	402408	19.54	ng/ul	0.00
79) Pyrene-d10	19.42	212	450192	19.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	515519	19.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	15940	7.542	ng/uL	96
4) Benzaldehyde	6.79	77	91736	16.064	ng/ul	95
6) Phenol	6.85	94	119940	19.363	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.07	93	98231	19.214	ng/ul	99
10) 2-Chlorophenol	7.21	128	92569	19.116	ng/ul	95
11) 2-Methylphenol	8.08	108	83821	18.630	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.18	45	72674	18.659	ng/ul	93
14) Acetophenone	8.46	105	152480	19.809	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	86597	19.392	ng/ul	97
16) 4-Methylphenol	8.41	108	89992	18.612	ng/ul	98
17) Hexachloroethane	8.72	117	48977	20.220	ng/ul	98
20) Nitrobenzene	8.82	77	136669	19.182	ng/ul	96
21) Isophorone	9.36	82	216434	19.145	ng/ul	99
23) 2-Nitrophenol	9.53	139	48381	19.285	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	115023	20.101	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	128368	20.042	ng/ul	97
27) 2,4-Dichlorophenol	10.07	162	97196	20.338	ng/ul	97
28) Naphthalene	10.46	128	298672	19.516	ng/ul	99
30) 4-Chloroaniline	10.57	127	111744	20.077	ng/ul	97
31) Hexachlorobutadiene	10.77	225	81517	20.231	ng/ul	96
32) Caprolactam	11.33	113	23107	17.393	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	97067	19.221	ng/ul	96
34) 2-Methylnaphthalene	12.09	142	214638	19.124	ng/ul	97

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35) 1-Methylnaphthalene	12.30	142	209790	18.987 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	133428	19.023 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	88458	19.126 ng/ul	98
39) 2,4,6-Trichlorophenol	12.70	196	76476	18.550 ng/ul	92
40) 2,4,5-Trichlorophenol	12.77	196	82415	18.783 ng/ul	93
41) 1,1'-Biphenyl	13.11	154	291805	18.838 ng/ul	98
42) 2-Chloronaphthalene	13.14	162	244246	19.448 ng/ul	99
43) 2-Nitroaniline	13.34	65	68431	18.811 ng/ul	94
45) Dimethylphthalate	13.74	163	298605	18.851 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	56176	18.626 ng/ul	94
48) Acenaphthylene	14.00	152	349902	19.108 ng/ul	99
49) 3-Nitroaniline	14.17	138	48580	18.125 ng/ul	99
50) Acenaphthene	14.34	153	250180	19.277 ng/ul	98
51) 2,4-Dinitrophenol	14.38	184	26560	16.945 ng/ul	95
53) 4-Nitrophenol	14.49	109	55428	20.401 ng/ul	91
54) Dibenzofuran	14.68	168	364910	19.648 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	85818	19.593 ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	14.91	232	74148	18.751 ng/ul	97
57) Diethylphthalate	15.12	149	306721	19.304 ng/ul	99
59) Fluorene	15.33	166	302936	19.491 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	168737	19.922 ng/ul	100
61) 4-Nitroaniline	15.34	138	56382	18.417 ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.40	198	45620	18.050 ng/ul#	96
65) N-Nitrosodiphenylamine	15.54	169	254027	20.278 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	105198	20.115 ng/ul	98
67) Hexachlorobenzene	16.34	284	119358	19.460 ng/ul	99
68) Atrazine	16.50	200	95190	18.741 ng/ul	99
69) Pentachlorophenol	16.67	266	61509	18.097 ng/ul	99
70) Phenanthrene	17.06	178	488254	19.478 ng/ul	98
72) Anthracene	17.15	178	500585	19.626 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	126484	19.341 ng/uL	99
74) Pentachlorobenzene	14.60	250	134632	19.737 ng/uL	98
75) Carbazole	17.42	167	416926	19.365 ng/ul	99
76) Di-n-butylphthalate	18.01	149	512864	19.441 ng/ul	99
77) Fluoranthene	19.09	202	585299	19.255 ng/ul	97
80) Pyrene	19.44	202	610347	19.350 ng/ul	100
81) Butylbenzylphthalate	20.37	149	215221	18.564 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.14	252	184834	17.627 ng/ul	99
83) Benzo(a)anthracene	21.20	228	609885	19.496 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	332103	18.962 ng/ul	99
85) Chrysene	21.26	228	599395	19.520 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	563727	17.678 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	656406	19.833 ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	623139	18.997 ng/ul	100
91) Benzo(a)pyrene	23.32	252	597004	19.820 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	747863	19.269 ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	629241	19.141 ng/ul	100
94) Benzo(g,h,i)perylene	26.29	276	618113	19.281 ng/ul	99

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

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