Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026974.D
Acq On : 03 Aug 2020 09:27
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02030

Quant Time: Aug 03 10:22:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	72197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	286571	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	187439	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	409282	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	426431	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	412404	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	15308	9.67	ng/uL	0.00
5) Phenol-d5	6.84	99	122303	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	87328	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	94060	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	95577	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	45621	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	47920	23.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	99265	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	125546	21.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	302952	20.61	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	369192	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	54669	21.99	ng/ul	0.00
58) Fluorene-d10	15.29	176	262689	20.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	41953	22.99	ng/ul	0.00
71) Anthracene-d10	17.13	188	407815	19.94	ng/ul	0.00
79) Pyrene-d10	19.43	212	438791	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	461237	19.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	16177	8.225	ng/uL	96
4) Benzaldehyde	6.81	77	95456	18.525	ng/ul	99
6) Phenol	6.86	94	134335	19.848	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.09	93	106629	19.909	ng/ul	98
10) 2-Chlorophenol	7.23	128	100516	20.454	ng/ul	99
11) 2-Methylphenol	8.10	108	96328	19.893	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	93720	19.760	ng/ul	97
14) Acetophenone	8.47	105	172182	21.324	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	104048	21.335	ng/ul	97
16) 4-Methylphenol	8.42	108	103165	19.992	ng/ul	99
17) Hexachloroethane	8.74	117	47992	20.491	ng/ul	90
20) Nitrobenzene	8.84	77	151105	20.925	ng/ul	99
21) Isophorone	9.37	82	260028	20.425	ng/ul	97
23) 2-Nitrophenol	9.55	139	54316	23.301	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	126185	20.723	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	142900	20.147	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	100382	21.125	ng/ul	95
28) Naphthalene	10.48	128	322142	20.121	ng/ul	100
30) 4-Chloroaniline	10.59	127	131264	22.375	ng/ul	96
31) Hexachlorobutadiene	10.78	225	66777	19.900	ng/ul	98
32) Caprolactam	11.34	113	32197	21.697	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	113325	21.389	ng/ul	95
34) 2-Methylnaphthalene	12.10	142	239519	21.161	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	221806	20.056 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	124636	19.454 ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	79424	18.284 ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	78966	21.510 ng/ul	97
40) 2,4,5-Trichlorophenol	12.78	196	86589	22.074 ng/ul	93
41) 1,1'-Biphenyl	13.12	154	318679	20.346 ng/ul	97
42) 2-Chloronaphthalene	13.16	162	246146	19.530 ng/ul	97
43) 2-Nitroaniline	13.36	65	87740	23.408 ng/ul	96
45) Dimethylphthalate	13.75	163	320099	20.752 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	62230	22.883 ng/ul	91
48) Acenaphthylene	14.01	152	379960	19.994 ng/ul	99
49) 3-Nitroaniline	14.19	138	61497	23.135 ng/ul	98
50) Acenaphthene	14.36	153	265385	20.270 ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	30994	28.462 ng/ul	92
53) 4-Nitrophenol	14.50	109	60086	24.126 ng/ul	89
54) Dibenzofuran	14.69	168	378337	20.847 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	92942	23.787 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	72460	23.545 ng/ul#	96
57) Diethylphthalate	15.13	149	337458	21.818 ng/ul	98
59) Fluorene	15.34	166	317397	20.769 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.34	204	156295	20.549 ng/ul	97
61) 4-Nitroaniline	15.35	138	69523	21.339 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	45082	21.745 ng/ul#	98
65) N-Nitrosodiphenylamine	15.55	169	275663	20.589 ng/ul	99
66) 4-Bromophenyl-phenylether	16.24	248	95201	19.828 ng/ul	96
67) Hexachlorobenzene	16.35	284	109752	20.157 ng/ul	97
68) Atrazine	16.51	200	98717	20.086 ng/ul	98
69) Pentachlorophenol	16.69	266	62757	23.163 ng/ul	95
70) Phenanthrene	17.08	178	498591	20.069 ng/ul	98
72) Anthracene	17.17	178	513711	20.117 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	124853	19.417 ng/uL	96
74) Pentachlorobenzene	14.62	250	122065	19.580 ng/uL	100
75) Carbazole	17.44	167	462439	20.486 ng/ul	99
76) Di-n-butylphthalate	18.02	149	570020	21.467 ng/ul	99
77) Fluoranthene	19.09	202	573164	19.539 ng/ul	100
80) Pyrene	19.46	202	598443	19.289 ng/ul	98
81) Butylbenzylphthalate	20.38	149	257290	22.303 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.14	252	210838	20.912 ng/ul	98
83) Benzo(a)anthracene	21.21	228	582692	19.825 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	392415	22.688 ng/ul	98
85) Chrysene	21.26	228	565058	19.714 ng/ul	99
87) Di-n-octyl phthalate	22.04	149	645597	21.306 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	590196	20.005 ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	571302	20.181 ng/ul	98
91) Benzo(a)pyrene	23.34	252	507976	19.082 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	628809	19.040 ng/ul	96
93) Dibenzo(a,h)anthracene	25.65	278	537755	19.253 ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	460909	16.878 ng/ul	100

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

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