Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080320\
Data File : BM026978.D
Acq On : 03 Aug 2020 14:55
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02031

Quant Time: Aug 03 15:26:04 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	97023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	381142	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	235334	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	479571	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	438023	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	440448	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16978	7.98	ng/uL	0.00
5) Phenol-d5	6.84	99	153375	18.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	101286	17.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	117160	18.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	119011	18.20	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	55680	18.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	59279	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	120786	18.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	146542	18.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	334442	18.12	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	412502	17.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	61382	19.67	ng/ul	0.00
58) Fluorene-d10	15.29	176	284239	17.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	43278	20.24	ng/ul	0.00
71) Anthracene-d10	17.13	188	427750	17.85	ng/ul	0.00
79) Pyrene-d10	19.43	212	431464	18.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	446147	17.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	18904	7.152	ng/uL	97
4) Benzaldehyde	6.81	77	109865	15.866	ng/ul	97
6) Phenol	6.86	94	165280	18.172	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	129145	17.943	ng/ul	97
10) 2-Chlorophenol	7.23	128	125928	19.069	ng/ul	97
11) 2-Methylphenol	8.10	108	119860	18.419	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	119293	18.716	ng/ul	99
14) Acetophenone	8.47	105	200726	18.498	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	122152	18.638	ng/ul	98
16) 4-Methylphenol	8.43	108	128290	18.500	ng/ul	97
17) Hexachloroethane	8.73	117	55556	17.651	ng/ul	89
20) Nitrobenzene	8.85	77	178983	18.636	ng/ul	99
21) Isophorone	9.37	82	301054	17.780	ng/ul	98
23) 2-Nitrophenol	9.55	139	66834	21.558	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	150425	18.574	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	169151	17.931	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	120425	19.054	ng/ul	98
28) Naphthalene	10.49	128	381072	17.896	ng/ul	99
30) 4-Chloroaniline	10.59	127	154904	19.853	ng/ul	98
31) Hexachlorobutadiene	10.79	225	79339	17.777	ng/ul	99
32) Caprolactam	11.35	113	36248	18.366	ng/ul	84
33) 4-Chloro-3-methylphenol	11.72	107	131858	18.712	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	277034	18.403	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	256432	17.434 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	144794	18.001 ng/ul	96
38) Hexachlorocyclopentadiene	12.47	237	119380	21.889 ng/ul	100
39) 2,4,6-Trichlorophenol	12.72	196	95997	20.827 ng/ul	93
40) 2,4,5-Trichlorophenol	12.79	196	102358	20.783 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	357419	18.175 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	285324	18.031 ng/ul	98
43) 2-Nitroaniline	13.36	65	99687	21.183 ng/ul	96
45) Dimethylphthalate	13.76	163	351979	18.174 ng/ul	98
46) 2,6-Dinitrotoluene	13.86	165	69761	20.432 ng/ul	98
48) Acenaphthylene	14.01	152	424894	17.809 ng/ul	100
49) 3-Nitroaniline	14.19	138	73004	21.874 ng/ul	95
50) Acenaphthene	14.36	153	293367	17.847 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	32635	23.870 ng/ul	91
53) 4-Nitrophenol	14.50	109	62158	19.878 ng/ul	98
54) Dibenzofuran	14.69	168	412792	18.117 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	101221	20.634 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	84319	21.823 ng/ul#	99
57) Diethylphthalate	15.13	149	355873	18.326 ng/ul	98
59) Fluorene	15.34	166	344908	17.976 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.34	204	168374	17.632 ng/ul	100
61) 4-Nitroaniline	15.35	138	77794	19.018 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.42	198	46965	19.333 ng/ul#	97
65) N-Nitrosodiphenylamine	15.56	169	292079	18.618 ng/ul	98
66) 4-Bromophenyl-phenylether	16.23	248	101176	17.984 ng/ul	95
67) Hexachlorobenzene	16.35	284	116070	18.193 ng/ul	97
68) Atrazine	16.51	200	98374	17.083 ng/ul	97
69) Pentachlorophenol	16.69	266	70493	22.205 ng/ul	99
70) Phenanthrene	17.07	178	524184	18.007 ng/ul	99
72) Anthracene	17.17	178	534403	17.860 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	142247	18.880 ng/uL	98
74) Pentachlorobenzene	14.62	250	134606	18.427 ng/uL	99
75) Carbazole	17.43	167	480026	18.149 ng/ul	99
76) Di-n-butylphthalate	18.02	149	584302	18.779 ng/ul	99
77) Fluoranthene	19.10	202	572455	16.655 ng/ul	99
80) Pyrene	19.46	202	580312	18.210 ng/ul	99
81) Butylbenzylphthalate	20.37	149	252579	21.315 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	187915	18.145 ng/ul	99
83) Benzo(a)anthracene	21.21	228	545594	18.071 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	347788	19.576 ng/ul	100
85) Chrysene	21.26	228	522161	17.735 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	600980	18.570 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	542171	17.207 ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	550544	18.209 ng/ul	99
91) Benzo(a)pyrene	23.34	252	489576	17.220 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	622676	17.654 ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	535835	17.962 ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	495355	16.985 ng/ul	99

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

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