Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051520\
Data File : BM025983.D
Acq On : 15 May 2020 11:39
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: May 15 12:15:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 13 14:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	95925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	388580	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	236725	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	531785	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	611671	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	665613	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	24523	7.71	ng/uL	0.00
5) Phenol-d5	6.69	99	172874	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	125479	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	128313	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	131535	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	61514	19.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	59570	19.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	121337	19.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	153586	24.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	366924	19.33	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	435978	19.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	67906	20.20	ng/ul	0.00
58) Fluorene-d10	15.15	176	326782	19.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	56554	18.24	ng/ul	0.00
71) Anthracene-d10	17.00	188	505335	19.28	ng/ul	0.00
79) Pyrene-d10	19.30	212	592150	18.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	686162	19.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	26095	7.898	ng/uL	96
4) Benzaldehyde	6.66	77	128270	22.652	ng/ul	97
6) Phenol	6.72	94	196600	20.154	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.95	93	150245	20.018	ng/ul	98
10) 2-Chlorophenol	7.07	128	140325	18.902	ng/ul	97
11) 2-Methylphenol	7.95	108	135143	20.107	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.04	45	289732	21.267	ng/ul	98
14) Acetophenone	8.32	105	227879	20.712	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.31	70	128707	19.852	ng/ul	97
16) 4-Methylphenol	8.28	108	146863	20.092	ng/ul	100
17) Hexachloroethane	8.57	117	62191	19.527	ng/ul	97
20) Nitrobenzene	8.69	77	193095	19.847	ng/ul	99
21) Isophorone	9.22	82	312665	19.321	ng/ul	98
23) 2-Nitrophenol	9.39	139	70214	19.276	ng/ul	97
24) 2,4-Dimethylphenol	9.47	107	168641	19.380	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	195507	19.155	ng/ul	98
27) 2,4-Dichlorophenol	9.93	162	127140	19.483	ng/ul	99
28) Naphthalene	10.32	128	445951	18.770	ng/ul	99
30) 4-Chloroaniline	10.43	127	160717	24.109	ng/ul	100
31) Hexachlorobutadiene	10.62	225	86742	19.811	ng/ul	97
32) Caprolactam	11.20	113	34270	18.883	ng/ul	90
33) 4-Chloro-3-methylphenol	11.57	107	149940	19.840	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	307044	19.214	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	287652	19.402 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	159597	18.810 ng/ul	97
38) Hexachlorocyclopentadiene	12.30	237	93559	19.128 ng/ul	99
39) 2,4,6-Trichlorophenol	12.57	196	95853	19.418 ng/ul	99
40) 2,4,5-Trichlorophenol	12.64	196	105276	19.327 ng/ul	99
41) 1,1'-Biphenyl	12.97	154	398340	18.964 ng/ul	99
42) 2-Chloronaphthalene	13.01	162	302440	18.658 ng/ul	99
43) 2-Nitroaniline	13.22	65	112181	20.534 ng/ul	98
45) Dimethylphthalate	13.62	163	383420	19.238 ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	73126	19.996 ng/ul	97
48) Acenaphthylene	13.86	152	477346	19.332 ng/ul	99
49) 3-Nitroaniline	14.06	138	71415	21.939 ng/ul	100
50) Acenaphthene	14.22	153	334292	19.197 ng/ul	98
51) 2,4-Dinitrophenol	14.27	184	36220	18.018 ng/ul	96
53) 4-Nitrophenol	14.37	109	69033	23.076 ng/ul	97
54) Dibenzofuran	14.55	168	478191	19.540 ng/ul	96
55) 2,4-Dinitrotoluene	14.53	165	113212	20.889 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.79	232	92764	20.250 ng/ul	95
57) Diethylphthalate	15.00	149	399031	20.247 ng/ul	98
59) Fluorene	15.20	166	395635	19.986 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.21	204	195886	19.828 ng/ul	99
61) 4-Nitroaniline	15.22	138	87576	21.537 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.29	198	61542	18.852 ng/ul	98
65) N-Nitrosodiphenylamine	15.42	169	338823	19.011 ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	118042	19.061 ng/ul	99
67) Hexachlorobenzene	16.22	284	135516	19.462 ng/ul	97
68) Atrazine	16.39	200	118646	20.328 ng/ul	99
69) Pentachlorophenol	16.56	266	72636	18.941 ng/ul	98
70) Phenanthrene	16.94	178	641597	19.154 ng/ul	99
72) Anthracene	17.03	178	655058	19.491 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	159819	17.992 ng/uL	99
74) Pentachlorobenzene	14.47	250	155130	18.409 ng/uL	99
75) Carbazole	17.30	167	586785	21.105 ng/ul	99
76) Di-n-butylphthalate	17.89	149	668791	20.085 ng/ul	100
77) Fluoranthene	18.96	202	762481	21.700 ng/ul	99
80) Pyrene	19.33	202	813326	18.941 ng/ul	97
81) Butylbenzylphthalate	20.26	149	294858	19.399 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	228421	20.393 ng/ul	97
83) Benzo(a)anthracene	21.08	228	822035	19.498 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	464294	19.706 ng/ul	99
85) Chrysene	21.13	228	817597	19.510 ng/ul	99
87) Di-n-octyl phthalate	21.90	149	769165	18.387 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	851338	18.909 ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	868563	19.315 ng/ul	99
91) Benzo(a)pyrene	23.13	252	774225	19.540 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.31	276	1015846	19.755 ng/ul	97
93) Dibenzo(a,h)anthracene	25.32	278	857350	19.689 ng/ul	100
94) Benzo(g,h,i)perylene	25.94	276	843857	19.661 ng/ul	99

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

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