Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052020\
Data File : BM026045.D
Acq On : 20 May 2020 18:49
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Quant Time: May 20 19:21:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 20 11:35:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	150350	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	618468	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	371964	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	785805	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	826863	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	853348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	33296	6.68	ng/uL	0.00
5) Phenol-d5	6.69	99	282743	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	193021	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	207973	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	214968	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	100427	19.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	103325	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	202262	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	256504	25.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	572048	19.18	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	697603	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	106015	20.07	ng/ul	0.00
58) Fluorene-d10	15.14	176	506378	19.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	83614	18.25	ng/ul	0.00
71) Anthracene-d10	16.99	188	757323	19.56	ng/ul	0.00
79) Pyrene-d10	19.29	212	839624	19.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	894150	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	38675	7.468	ng/uL	91
4) Benzaldehyde	6.65	77	198599	22.376	ng/ul	99
6) Phenol	6.72	94	314220	20.551	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.94	93	235097	19.984	ng/ul	98
10) 2-Chlorophenol	7.07	128	228577	19.644	ng/ul	97
11) 2-Methylphenol	7.95	108	218749	20.765	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.04	45	450272	21.087	ng/ul	98
14) Acetophenone	8.32	105	360359	20.897	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.31	70	204887	20.163	ng/ul	96
16) 4-Methylphenol	8.27	108	240033	20.952	ng/ul	99
17) Hexachloroethane	8.56	117	96848	19.401	ng/ul	98
20) Nitrobenzene	8.68	77	299084	19.314	ng/ul	97
21) Isophorone	9.21	82	508577	19.746	ng/ul	100
23) 2-Nitrophenol	9.39	139	118687	20.472	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	273738	19.764	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.70	93	314035	19.331	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	208706	20.095	ng/ul	97
28) Naphthalene	10.31	128	723203	19.125	ng/ul	99
30) 4-Chloroaniline	10.43	127	270285	25.475	ng/ul	98
31) Hexachlorobutadiene	10.61	225	134867	19.353	ng/ul	98
32) Caprolactam	11.19	113	59533	20.610	ng/ul	92
33) 4-Chloro-3-methylphenol	11.56	107	244921	20.361	ng/ul	98
34) 2-Methylnaphthalene	11.93	142	497106	19.545	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	460576	19.518 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	257227	19.294 ng/ul	99
38) Hexachlorocyclopentadiene	12.30	237	149126	19.403 ng/ul	99
39) 2,4,6-Trichlorophenol	12.56	196	158328	20.413 ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	172091	20.106 ng/ul	98
41) 1,1'-Biphenyl	12.97	154	633884	19.205 ng/ul	98
42) 2-Chloronaphthalene	13.00	162	482281	18.936 ng/ul	98
43) 2-Nitroaniline	13.22	65	174996	20.386 ng/ul	98
45) Dimethylphthalate	13.62	163	593732	18.959 ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	119074	20.722 ng/ul	96
48) Acenaphthylene	13.86	152	755941	19.484 ng/ul	100
49) 3-Nitroaniline	14.05	138	119551	23.374 ng/ul	96
50) Acenaphthene	14.21	153	521917	19.075 ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	52962	16.767 ng/ul	97
53) 4-Nitrophenol	14.37	109	95772	20.375 ng/ul	98
54) Dibenzofuran	14.54	168	739883	19.242 ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	174181	20.453 ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.78	232	146768	20.390 ng/ul	98
57) Diethylphthalate	14.99	149	604332	19.516 ng/ul	99
59) Fluorene	15.20	166	606111	19.486 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.20	204	300067	19.331 ng/ul	97
61) 4-Nitroaniline	15.22	138	141731	22.182 ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.29	198	89581	18.571 ng/ul	95
65) N-Nitrosodiphenylamine	15.42	169	517426	19.647 ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	180830	19.761 ng/ul	98
67) Hexachlorobenzene	16.21	284	201345	19.569 ng/ul	99
68) Atrazine	16.38	200	176367	20.449 ng/ul	99
69) Pentachlorophenol	16.55	266	110593	19.517 ng/ul	97
70) Phenanthrene	16.93	178	946954	19.131 ng/ul	99
72) Anthracene	17.02	178	965965	19.451 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	255898	19.496 ng/uL	98
74) Pentachlorobenzene	14.47	250	239658	19.246 ng/uL	98
75) Carbazole	17.30	167	858830	20.904 ng/ul	99
76) Di-n-butylphthalate	17.89	149	986689	20.053 ng/ul	99
77) Fluoranthene	18.96	202	1083908	20.876 ng/ul	100
80) Pyrene	19.32	202	1138521	19.614 ng/ul	97
81) Butylbenzylphthalate	20.25	149	427678	20.815 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.02	252	337643	22.299 ng/ul	100
83) Benzo(a)anthracene	21.07	228	1106932	19.422 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	658145	20.664 ng/ul	99
85) Chrysene	21.13	228	1078316	19.035 ng/ul	99
87) Di-n-octyl phthalate	21.89	149	1093485	20.389 ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1097345	19.011 ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1136057	19.705 ng/ul	99
91) Benzo(a)pyrene	23.12	252	986699	19.424 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	1270104	19.266 ng/ul	100
93) Dibenzo(a,h)anthracene	25.31	278	1067929	19.129 ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1040517	18.909 ng/ul	99

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

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