Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
Data File : BM024458.D
Acq On : 10 Jan 2020 15:14
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02015

Manual Integrations APPROVED
mohammad
1/13/2020 11:34:37 AM

Quant Time: Jan 10 16:07:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 10 07:52:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	318814	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1171700	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	718681	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1597880	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1707820	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	2011439	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	77164	10.44	ng/uL	0.00
5) Phenol-d5	6.69	99	441655	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	273306	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	380249	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	326074	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	187823	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	128455	15.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	352398	19.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	362308	17.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1039651	20.14	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1324623	19.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	165331	18.16	ng/ul	0.00
58) Fluorene-d10	15.14	176	959817	20.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	109838	15.34	ng/ul	0.00
71) Anthracene-d10	16.99	188	1492184	19.94	ng/ul	0.00
79) Pyrene-d10	19.29	212	1722877	18.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	2006147	19.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	78974	10.630	ng/uL	94
4) Benzaldehyde	6.65	77	204804	14.875	ng/ul	98
6) Phenol	6.71	94	456776	18.003	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.93	93	372517	18.735	ng/ul	98
10) 2-Chlorophenol	7.07	128	391886	18.682	ng/ul	95
11) 2-Methylphenol	7.94	108	325395	17.050	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	458903	17.157	ng/ul	99
14) Acetophenone	8.30	105	600327	19.519	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.30	70	279021	17.937	ng/ul	92
16) 4-Methylphenol	8.27	108	350677	17.163	ng/ul	98
17) Hexachloroethane	8.56	117	188663	20.629	ng/ul	96
20) Nitrobenzene	8.67	77	463905	21.492	ng/ul	99
21) Isophorone	9.20	82	762966	19.366	ng/ul	100
23) 2-Nitrophenol	9.38	139	153343	16.516	ng/ul	98
24) 2,4-Dimethylphenol	9.46	107	407933	19.307	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	457573	19.392	ng/ul	100
27) 2,4-Dichlorophenol	9.91	162	348439	19.695	ng/ul	99
28) Naphthalene	10.30	128	1234366	20.381	ng/ul	98
30) 4-Chloroaniline	10.42	127	364402	17.868	ng/ul	100
31) Hexachlorobutadiene	10.61	225	295389	23.000	ng/ul	98
32) Caprolactam	11.16	113	84216m	15.650	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	341912	18.492	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	845112	20.143	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	844232	20.108 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	486566	20.635 ng/ul	97
38) Hexachlorocyclopentadiene	12.30	237	413133	23.932 ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	246145	17.636 ng/ul	98
40) 2,4,5-Trichlorophenol	12.62	196	278130	18.539 ng/ul	94
41) 1,1'-Biphenyl	12.97	154	1090719	19.782 ng/ul	99
42) 2-Chloronaphthalene	13.00	162	890095	20.142 ng/ul	99
43) 2-Nitroaniline	13.20	65	214054	19.964 ng/ul	97
45) Dimethylphthalate	13.61	163	1074363	20.282 ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	212338	22.348 ng/ul	94
48) Acenaphthylene	13.86	152	1377744	20.060 ng/ul	99
49) 3-Nitroaniline	14.04	138	144763	16.415 ng/ul#	98
50) Acenaphthene	14.20	153	920707	20.162 ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	110178	26.992 ng/ul#	84
53) 4-Nitrophenol	14.36	109	175532	22.110 ng/ul	86
54) Dibenzofuran	14.54	168	1299870	20.615 ng/ul	94
55) 2,4-Dinitrotoluene	14.50	165	316836	24.038 ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.77	232	223618	18.642 ng/ul#	87
57) Diethylphthalate	14.99	149	1110434	21.319 ng/ul	98
59) Fluorene	15.19	166	1104353	21.205 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.20	204	591427	21.772 ng/ul	97
61) 4-Nitroaniline	15.20	138	178388	16.941 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.27	198	119945	15.294 ng/ul	95
65) N-Nitrosodiphenylamine	15.41	169	879364	18.510 ng/ul	96
66) 4-Bromophenyl-phenylether	16.09	248	357528	19.883 ng/ul	92
67) Hexachlorobenzene	16.20	284	421003	20.147 ng/ul	98
68) Atrazine	16.38	200	317665	17.990 ng/ul	98
69) Pentachlorophenol	16.54	266	188515	16.599 ng/ul	95
70) Phenanthrene	16.93	178	1749379	20.074 ng/ul	99
72) Anthracene	17.02	178	1790143	20.047 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	471930	18.583 ng/uL	98
74) Pentachlorobenzene	14.47	250	484442	19.807 ng/uL	99
75) Carbazole	17.29	167	1527388	19.816 ng/ul	99
76) Di-n-butylphthalate	17.89	149	1763836	19.536 ng/ul	99
77) Fluoranthene	18.96	202	2120469	20.920 ng/ul#	96
80) Pyrene	19.32	202	2222315	18.819 ng/ul	97
81) Butylbenzylphthalate	20.26	149	537391	12.644 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.02	252	472832	12.014 ng/ul	99
83) Benzo(a)anthracene	21.08	228	2325629	19.985 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	984885	15.231 ng/ul	99
85) Chrysene	21.13	228	2213364	19.715 ng/ul	99
87) Di-n-octyl phthalate	21.92	149	1667983	14.928 ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2388311	19.448 ng/ul	98
89) Benzo(k)fluoranthene	22.64	252	2417597	20.080 ng/ul	99
91) Benzo(a)pyrene	23.14	252	2260533	19.855 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.33	276	2943225	20.061 ng/ul	99
93) Dibenzo(a,h)anthracene	25.34	278	2509797	20.176 ng/ul	99
94) Benzo(g,h,i)perylene	25.96	276	2419879	19.670 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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