Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023790.D
Acq On : 19 Nov 2019 11:00
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
mohammad
11/21/2019 9:06:28 AM

Quant Time: Nov 19 12:52:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 19 12:27:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	450377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1873870	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1183842	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2521643	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2706355	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	3206893	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	80773	7.39	ng/uL	0.00
5) Phenol-d5	6.71	99	756476	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	455006	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	582021	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	579066	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	273256	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	300223	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	602294	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	741146	21.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1717239	18.60	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2051054	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	302907	19.22	ng/ul	0.00
58) Fluorene-d10	15.18	176	1524081	18.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	288965	19.81	ng/ul	0.00
71) Anthracene-d10	17.03	188	2371014	19.82	ng/ul	0.00
79) Pyrene-d10	19.33	212	2650756	18.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3219573	19.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	86858	7.419	ng/uL	96
4) Benzaldehyde	6.68	77	335233	13.919	ng/ul	99
6) Phenol	6.73	94	794961	18.797	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.96	93	611759	18.887	ng/ul	94
10) 2-Chlorophenol	7.09	128	613677	20.009	ng/ul	98
11) 2-Methylphenol	7.98	108	579490	18.357	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	635953	20.125	ng/ul	96
14) Acetophenone	8.34	105	932535	18.258	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	500504	18.652	ng/ul	97
16) 4-Methylphenol	8.30	108	637454	18.237	ng/ul	97
17) Hexachloroethane	8.59	117	250531	20.590	ng/ul	92
20) Nitrobenzene	8.71	77	728423	20.540	ng/ul	99
21) Isophorone	9.25	82	1294697	18.715	ng/ul	99
23) 2-Nitrophenol	9.42	139	339169	21.630	ng/ul	100
24) 2,4-Dimethylphenol	9.49	107	701176	19.567	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.73	93	834443	19.220	ng/ul	99
27) 2,4-Dichlorophenol	9.95	162	595523	19.260	ng/ul	99
28) Naphthalene	10.35	128	1913297	19.426	ng/ul	99
30) 4-Chloroaniline	10.46	127	773962	21.331	ng/ul	100
31) Hexachlorobutadiene	10.63	225	393884	18.866	ng/ul	99
32) Caprolactam	11.25	113	169599m	16.926	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	642919	18.733	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	1402141	18.610	ng/ul	99

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35) 1-Methylnaphthalene	12.19	142	1362326	18.334	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	758878	19.619	ng/ul	99
38) Hexachlorocyclopentadiene	12.33	237	466946	23.045	ng/ul	97
39) 2,4,6-Trichlorophenol	12.60	196	487027	20.420	ng/ul	98
40) 2,4,5-Trichlorophenol	12.67	196	510647	19.659	ng/ul	98
41) 1,1'-Biphenyl	13.00	154	1827408	20.010	ng/ul	99
42) 2-Chloronaphthalene	13.04	162	1424953	20.272	ng/ul	98
43) 2-Nitroaniline	13.26	65	395700	23.667	ng/ul	97
45) Dimethylphthalate	13.65	163	1746441	19.304	ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	348634	21.157	ng/ul	95
48) Acenaphthylene	13.90	152	2137834	20.156	ng/ul	100
49) 3-Nitroaniline	14.09	138	310464	19.826	ng/ul	91
50) Acenaphthene	14.25	153	1508987	20.048	ng/ul	100
51) 2,4-Dinitrophenol	14.31	184	168630	16.232	ng/ul	94
53) 4-Nitrophenol	14.42	109	252415	19.848	ng/ul	98
54) Dibenzofuran	14.58	168	2169657	19.472	ng/ul	97
55) 2,4-Dinitrotoluene	14.56	165	525461	20.863	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.82	232	472882	19.234	ng/ul	94
57) Diethylphthalate	15.03	149	1760916	19.835	ng/ul	98
59) Fluorene	15.23	166	1766874	19.546	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	911359	18.683	ng/ul	97
61) 4-Nitroaniline	15.26	138	344191	17.945	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.33	198	321539	20.273	ng/ul	96
65) N-Nitrosodiphenylamine	15.45	169	1543783	20.867	ng/ul	99
66) 4-Bromophenyl-phenylether	16.13	248	611652	19.848	ng/ul	97
67) Hexachlorobenzene	16.24	284	714620	19.682	ng/ul	97
68) Atrazine	16.42	200	553064	19.955	ng/ul	99
69) Pentachlorophenol	16.59	266	396081	18.400	ng/ul	99
70) Phenanthrene	16.97	178	2862599	20.610	ng/ul	100
72) Anthracene	17.06	178	2911549	20.847	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	741473	20.741	ng/uL	99
74) Pentachlorobenzene	14.50	250	780805	19.768	ng/uL	98
75) Carbazole	17.34	167	2603868	22.365	ng/ul	100
76) Di-n-butylphthalate	17.92	149	2946368	22.950	ng/ul	99
77) Fluoranthene	19.00	202	3350466	22.515	ng/ul	96
80) Pyrene	19.36	202	3484950	19.922	ng/ul	98
81) Butylbenzylphthalate	20.29	149	1368430	24.699	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.06	252	1160162	20.427	ng/ul#	98
83) Benzo(a)anthracene	21.12	228	3615702	20.254	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2020411	24.152	ng/ul	98
85) Chrysene	21.17	228	3395736	20.206	ng/ul	100
87) Di-n-octyl phthalate	21.93	149	3338484	21.299	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	3793788	18.558	ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	3831186	19.453	ng/ul	98
91) Benzo(a)pyrene	23.20	252	3702702	19.785	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	4575808	22.866	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	3814056	22.584	ng/ul	99
94) Benzo(g,h,i)perylene	26.08	276	3808550	23.487	ng/ul	99

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

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