Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\
Data File : BM017841.D
Acq On : 01 Dec 2018 02:49
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02075

Manual Integrations APPROVED
mohammad
12/3/2018 4:57:24 PM

Quant Time: Dec 01 04:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 01 00:17:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	277048	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	1219622	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	694001	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1383975	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1103550	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1082122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	45107	7.45	ng/uL	0.00
5) Phenol-d5	6.77	99	475433	18.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	297103	19.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	397823	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	388829	18.81	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	193423	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	220931	20.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	412376	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	353789	20.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1183710	19.66	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1493898	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	190213	17.37	ng/ul	0.00
57) Fluorene-d10	15.23	176	1002500	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	195100	19.72	ng/ul	0.00
70) Anthracene-d10	17.09	188	1386249	20.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	1269120	23.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	1189882	20.27	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	48199	7.463	ng/uL#	92
4) Benzaldehyde	6.75	77	86307	18.293	ng/ul	94
6) Phenol	6.80	94	476896	18.882	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	373529	19.358	ng/ul	100
10) 2-Chlorophenol	7.15	128	395035	19.971	ng/ul	99
11) 2-Methylphenol	8.03	108	360263	18.696	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	432782	19.011	ng/ul	97
14) Acetophenone	8.40	105	610244	18.937	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	320145	19.048	ng/ul	99
16) 4-Methylphenol	8.36	108	388431	18.654	ng/ul	99
17) Hexachloroethane	8.64	117	166379	20.746	ng/ul	96
20) Nitrobenzene	8.78	77	463050	19.693	ng/ul	97
21) Isophorone	9.30	82	856145	19.573	ng/ul	100
23) 2-Nitrophenol	9.48	139	229706	20.563	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	464628	19.911	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	525500	19.632	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	388650	20.144	ng/ul	98
28) Naphthalene	10.40	128	1286770	20.250	ng/ul	99
30) 4-Chloroaniline	10.53	127	352611	19.710	ng/ul	97
31) Hexachlorobutadiene	10.67	225	264230	20.621	ng/ul	97
32) Caprolactam	11.31	113	115796m	18.141	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	424252	19.361	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	936193	19.736	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	491832	21.239	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	287038	19.221	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	311822	20.719	ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	335016	20.814	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	1190859	20.845	ng/ul	100
41) 2-Chloronaphthalene	13.09	162	923013	20.654	ng/ul	99
42) 2-Nitroaniline	13.32	65	272406	20.932	ng/ul	95
44) Dimethylphthalate	13.70	163	1140844	19.555	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	237498	20.718	ng/ul	97
47) Acenaphthylene	13.95	152	1389269	20.412	ng/ul	100
48) 3-Nitroaniline	14.16	138	216451	19.792	ng/ul	97
49) Acenaphthene	14.30	153	991218	20.208	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	130143	16.744	ng/ul	98
52) 4-Nitrophenol	14.47	109	160098	17.779	ng/ul	96
53) Dibenzofuran	14.63	168	1357047	19.551	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	339504	19.560	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	287643	19.382	ng/ul	98
56) Diethylphthalate	15.07	149	1155395	19.225	ng/ul	99
58) Fluorene	15.29	166	1112344	19.217	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	573696	19.295	ng/ul	99
60) 4-Nitroaniline	15.33	138	216397	17.799	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.39	198	200368	19.651	ng/ul	93
64) N-Nitrosodiphenylamine	15.51	169	957848	22.479	ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	346301	21.898	ng/ul	94
66) Hexachlorobenzene	16.29	284	369425	21.016	ng/ul	95
67) Atrazine	16.47	200	325656	20.604	ng/ul	98
68) Pentachlorophenol	16.64	266	213878	19.557	ng/ul	97
69) Phenanthrene	17.03	178	1604813	20.277	ng/ul	99
71) Anthracene	17.12	178	1629886	20.137	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	478457	24.395	ng/uL	99
73) Pentachlorobenzene	14.55	250	460178	22.940	ng/uL	99
74) Carbazole	17.40	167	1379147	19.338	ng/ul	99
75) Di-n-butylphthalate	17.97	149	1785606	19.811	ng/ul	99
76) Fluoranthene	19.05	202	1588089	17.059	ng/ul	98
79) Pyrene	19.42	202	1592436	23.771	ng/ul	99
80) Butylbenzylphthalate	20.33	149	648046	22.623	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	448674	19.750	ng/ul	97
82) Benzo(a)anthracene	21.17	228	1392537	20.344	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	894417	21.086	ng/ul	99
84) Chrysene	21.23	228	1303212	20.358	ng/ul	99
86) Di-n-octyl phthalate	21.98	149	1416592	18.690	ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	1364131	20.280	ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	1261480	19.297	ng/ul	99
90) Benzo(a)pyrene	23.28	252	1282065	20.099	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.54	276	1534992	22.711	ng/ul	99
92) Dibenzo(a,h)anthracene	25.55	278	1288620	22.582	ng/ul	99
93) Benzo(g,h,i)perylene	26.20	276	1298424	23.770	ng/ul	100

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

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