Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\
Data File : BM017822.D
Acq On : 30 Nov 2018 13:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02072

Manual Integrations APPROVED
mohammad
12/3/2018 3:37:21 PM

Quant Time: Nov 30 14:29:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 29 00:55:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	326090	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1448837	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	815698	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1660302	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1271962	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1227988	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	51205	7.19	ng/uL	0.00
5) Phenol-d5	6.78	99	565841	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	346567	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	470484	20.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	468406	19.25	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	232440	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	267592	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	488754	20.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	422464	20.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1394484	19.70	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1769607	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	231668	18.00	ng/ul	0.00
57) Fluorene-d10	15.23	176	1172908	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	236024	19.89	ng/ul	0.00
70) Anthracene-d10	17.09	188	1650684	19.97	ng/ul	0.00
78) Pyrene-d10	19.39	212	1505777	24.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1352183	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	55248	7.268	ng/uL#	93
4) Benzaldehyde	6.75	77	101324	18.246	ng/ul	92
6) Phenol	6.80	94	568814	19.135	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	442111	19.467	ng/ul	98
10) 2-Chlorophenol	7.16	128	468646	20.129	ng/ul	99
11) 2-Methylphenol	8.03	108	436445	19.243	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	537503	20.060	ng/ul	98
14) Acetophenone	8.41	105	720773	19.003	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	384337	19.428	ng/ul	100
16) 4-Methylphenol	8.36	108	471980	19.257	ng/ul	99
17) Hexachloroethane	8.64	117	202410	21.443	ng/ul	97
20) Nitrobenzene	8.78	77	551091	19.730	ng/ul	98
21) Isophorone	9.30	82	1034384	19.906	ng/ul	99
23) 2-Nitrophenol	9.49	139	277266	20.894	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	550666	19.865	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	619418	19.480	ng/ul	100
27) 2,4-Dichlorophenol	10.01	162	466170	20.339	ng/ul	97
28) Naphthalene	10.40	128	1528919	20.254	ng/ul	99
30) 4-Chloroaniline	10.53	127	425170	20.005	ng/ul	98
31) Hexachlorobutadiene	10.68	225	306694	20.148	ng/ul	99
32) Caprolactam	11.32	113	142472m	18.788	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	491435	18.879	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	1110535	19.707	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	581874	21.379	ng/ul	98
37) Hexachlorocyclopentadiene	12.37	237	330706	18.841	ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	369710	20.901	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	395492	20.905	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	1395215	20.778	ng/ul	100
41) 2-Chloronaphthalene	13.10	162	1093522	20.819	ng/ul	99
42) 2-Nitroaniline	13.32	65	323924	21.177	ng/ul	96
44) Dimethylphthalate	13.70	163	1341977	19.571	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	284577	21.121	ng/ul	96
47) Acenaphthylene	13.95	152	1642179	20.528	ng/ul	99
48) 3-Nitroaniline	14.16	138	257139	20.005	ng/ul	96
49) Acenaphthene	14.30	153	1170265	20.298	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	156470	17.128	ng/ul	97
52) 4-Nitrophenol	14.47	109	189452	17.900	ng/ul	97
53) Dibenzofuran	14.64	168	1596746	19.572	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	404999	19.852	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.87	232	340675	19.530	ng/ul	98
56) Diethylphthalate	15.07	149	1366004	19.338	ng/ul	100
58) Fluorene	15.29	166	1307876	19.224	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	662814	18.966	ng/ul	98
60) 4-Nitroaniline	15.33	138	244170	17.087	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.39	198	242436	19.820	ng/ul	97
64) N-Nitrosodiphenylamine	15.51	169	1122049	21.950	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	404868	21.340	ng/ul	98
66) Hexachlorobenzene	16.29	284	432998	20.533	ng/ul	99
67) Atrazine	16.47	200	393220	20.739	ng/ul	98
68) Pentachlorophenol	16.65	266	263358	20.073	ng/ul	98
69) Phenanthrene	17.03	178	1893941	19.948	ng/ul	99
71) Anthracene	17.12	178	1939627	19.976	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	560395	23.817	ng/uL	99
73) Pentachlorobenzene	14.55	250	538986	22.397	ng/uL	99
74) Carbazole	17.40	167	1660672	19.410	ng/ul	100
75) Di-n-butylphthalate	17.97	149	2157014	19.949	ng/ul	99
76) Fluoranthene	19.06	202	1901486	17.026	ng/ul	98
79) Pyrene	19.42	202	1874329	24.274	ng/ul	97
80) Butylbenzylphthalate	20.34	149	790471	23.942	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	536114	20.475	ng/ul	99
82) Benzo(a)anthracene	21.18	228	1600948	20.292	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1100240	22.504	ng/ul	99
84) Chrysene	21.23	228	1505318	20.402	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1703473	19.806	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1490191	19.523	ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1486965	20.044	ng/ul	99
90) Benzo(a)pyrene	23.28	252	1441800	19.918	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.55	276	1745692	22.761	ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	1470623	22.710	ng/ul	99
93) Benzo(g,h,i)perylene	26.22	276	1462281	23.590	ng/ul	99

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

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