Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120318\
Data File : BM017877.D
Acq On : 03 Dec 2018 11:24
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02077

Manual Integrations APPROVED
mohammad
12/4/2018 5:38:21 PM

Quant Time: Dec 04 00:13:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 03 00:28:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	236854	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1079935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	644822	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1462923	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	1339382	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	1126127	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	36816	7.11	ng/uL	0.00
5) Phenol-d5	6.77	99	410943	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	242805	18.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	336830	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	341067	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	166189	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	187156	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	358652	19.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	320213	20.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1060024	18.95	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1369948	20.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	177955	17.49	ng/ul	0.00
57) Fluorene-d10	15.23	176	947561	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	185531	17.74	ng/ul	0.00
70) Anthracene-d10	17.09	188	1468004	20.16	ng/ul	0.00
78) Pyrene-d10	19.39	212	1505974	23.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	1235229	20.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	37967	6.876	ng/uL	96
4) Benzaldehyde	6.75	77	72311	17.927	ng/ul	96
6) Phenol	6.79	94	413671	19.158	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	316862	19.208	ng/ul	97
10) 2-Chlorophenol	7.15	128	342007	20.225	ng/ul	98
11) 2-Methylphenol	8.03	108	315080	19.126	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	371593	19.093	ng/ul	99
14) Acetophenone	8.40	105	530967	19.273	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	272793	18.985	ng/ul	99
16) 4-Methylphenol	8.35	108	343140	19.275	ng/ul	98
17) Hexachloroethane	8.63	117	141566	20.648	ng/ul	98
20) Nitrobenzene	8.77	77	402439	19.329	ng/ul	98
21) Isophorone	9.30	82	743623	19.199	ng/ul	99
23) 2-Nitrophenol	9.48	139	204095	20.634	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	401113	19.412	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	449147	18.950	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	343146	20.086	ng/ul	99
28) Naphthalene	10.40	128	1122553	19.951	ng/ul	99
30) 4-Chloroaniline	10.52	127	327760	20.690	ng/ul	96
31) Hexachlorobutadiene	10.67	225	225524	19.877	ng/ul	94
32) Caprolactam	11.31	113	107780m	19.069	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	375984	19.378	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	827506	19.701	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	441058	20.499 ng/ul	98
37) Hexachlorocyclopentadiene	12.36	237	228982	16.503 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	283163	20.250 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	302325	20.216 ng/ul	97
40) 1,1'-Biphenyl	13.05	154	1056240	19.899 ng/ul	100
41) 2-Chloronaphthalene	13.09	162	838294	20.189 ng/ul	98
42) 2-Nitroaniline	13.32	65	243928	20.173 ng/ul	97
44) Dimethylphthalate	13.70	163	1042896	19.240 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	215857	20.266 ng/ul	99
47) Acenaphthylene	13.95	152	1273818	20.143 ng/ul	100
48) 3-Nitroaniline	14.16	138	201464	19.827 ng/ul	95
49) Acenaphthene	14.29	153	909755	19.961 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	110006	15.233 ng/ul	95
52) 4-Nitrophenol	14.47	109	149793	17.903 ng/ul	96
53) Dibenzofuran	14.63	168	1263458	19.591 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	324090	20.096 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	275269	19.962 ng/ul	99
56) Diethylphthalate	15.07	149	1081058	19.360 ng/ul	99
58) Fluorene	15.29	166	1057559	19.664 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	533205	19.301 ng/ul	98
60) 4-Nitroaniline	15.33	138	209722	18.566 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	193748	17.976 ng/ul#	87
64) N-Nitrosodiphenylamine	15.50	169	907274	20.143 ng/ul	97
65) 4-Bromophenyl-phenylether	16.18	248	333060	19.924 ng/ul	96
66) Hexachlorobenzene	16.29	284	368989	19.858 ng/ul	95
67) Atrazine	16.47	200	329376	19.715 ng/ul	98
68) Pentachlorophenol	16.64	266	219619	18.998 ng/ul	98
69) Phenanthrene	17.03	178	1651959	19.746 ng/ul	99
71) Anthracene	17.12	178	1722049	20.128 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	427270	20.609 ng/uL	99
73) Pentachlorobenzene	14.55	250	437742	20.644 ng/uL	99
74) Carbazole	17.40	167	1470649	19.508 ng/ul	99
75) Di-n-butylphthalate	17.96	149	1884287	19.778 ng/ul	99
76) Fluoranthene	19.05	202	1892775	19.235 ng/ul	99
79) Pyrene	19.42	202	1912570	23.523 ng/ul	98
80) Butylbenzylphthalate	20.33	149	830560	23.890 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	547032	19.840 ng/ul	98
82) Benzo(a)anthracene	21.17	228	1668045	20.079 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1207633	23.457 ng/ul	100
84) Chrysene	21.23	228	1541631	19.842 ng/ul	99
86) Di-n-octyl phthalate	21.98	149	1785316	22.635 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	1448643	20.695 ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1359410	19.982 ng/ul	100
90) Benzo(a)pyrene	23.28	252	1333937	20.095 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.54	276	1476679	20.995 ng/ul	99
92) Dibenzo(a,h)anthracene	25.55	278	1246603	20.992 ng/ul	98
93) Benzo(g,h,i)perylene	26.20	276	1216870	21.407 ng/ul	98

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

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