Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017797.D
Acq On : 29 Nov 2018 14:39
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02071

Manual Integrations APPROVED
mohammad
11/30/2018 3:48:46 PM

Quant Time: Nov 29 15:31:21 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	331034	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1504118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	904011	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2041112	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2198232	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1977592	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	52653	7.28	ng/uL	0.00
5) Phenol-d5	6.77	99	610186	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	367049	20.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	494971	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	504626	20.43	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	242347	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	282163	21.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	529899	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	470468	21.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1562280	19.92	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1946365	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	277397	19.45	ng/ul	0.00
57) Fluorene-d10	15.24	176	1337849	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	283060	19.40	ng/ul	0.00
70) Anthracene-d10	17.09	188	2047294	20.15	ng/ul	0.00
78) Pyrene-d10	19.40	212	2250497	21.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2195668	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	55782	7.228	ng/uL	92
4) Benzaldehyde	6.75	77	110111	19.532	ng/ul	96
6) Phenol	6.80	94	610022	20.214	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	468638	20.327	ng/ul	97
10) 2-Chlorophenol	7.16	128	486250	20.574	ng/ul	99
11) 2-Methylphenol	8.03	108	468337	20.341	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	563314	20.709	ng/ul	95
14) Acetophenone	8.41	105	771333	20.033	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	409981	20.415	ng/ul	97
16) 4-Methylphenol	8.36	108	506696	20.365	ng/ul	96
17) Hexachloroethane	8.65	117	195933	20.447	ng/ul	95
20) Nitrobenzene	8.79	77	582860	20.100	ng/ul	97
21) Isophorone	9.31	82	1116577	20.699	ng/ul	100
23) 2-Nitrophenol	9.49	139	294893	21.406	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	587068	20.399	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	663338	20.095	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	498877	20.966	ng/ul	99
28) Naphthalene	10.41	128	1590614	20.297	ng/ul	100
30) 4-Chloroaniline	10.53	127	474420	21.502	ng/ul	97
31) Hexachlorobutadiene	10.68	225	314698	19.914	ng/ul	99
32) Caprolactam	11.32	113	161304m	20.490	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	560603	20.745	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	1176157	20.105	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	603615	20.011 ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	360360	18.525 ng/ul	99
38) 2,4,6-Trichlorophenol	12.66	196	410614	20.945 ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	439838	20.978 ng/ul	97
40) 1,1'-Biphenyl	13.06	154	1486305	19.973 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	1154343	19.830 ng/ul	99
42) 2-Nitroaniline	13.32	65	341669	20.155 ng/ul	97
44) Dimethylphthalate	13.70	163	1507736	19.840 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	318278	21.314 ng/ul	96
47) Acenaphthylene	13.96	152	1824694	20.581 ng/ul	99
48) 3-Nitroaniline	14.16	138	296806	20.835 ng/ul	95
49) Acenaphthene	14.30	153	1293912	20.251 ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	188536	18.622 ng/ul	98
52) 4-Nitrophenol	14.48	109	217829	18.571 ng/ul	98
53) Dibenzofuran	14.64	168	1793519	19.836 ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	469581	20.769 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.87	232	393508	20.355 ng/ul	97
56) Diethylphthalate	15.08	149	1548654	19.782 ng/ul	99
58) Fluorene	15.29	166	1501336	19.912 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	755063	19.495 ng/ul	98
60) 4-Nitroaniline	15.33	138	302788	19.119 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	294255	19.568 ng/ul#	91
64) N-Nitrosodiphenylamine	15.51	169	1283638	20.426 ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	482453	20.685 ng/ul	95
66) Hexachlorobenzene	16.29	284	525830	20.283 ng/ul	97
67) Atrazine	16.47	200	471161	20.213 ng/ul	98
68) Pentachlorophenol	16.64	266	323272	20.043 ng/ul	97
69) Phenanthrene	17.03	178	2349499	20.129 ng/ul	99
71) Anthracene	17.13	178	2429534	20.353 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	592212	20.474 ng/uL	99
73) Pentachlorobenzene	14.56	250	610332	20.630 ng/uL	99
74) Carbazole	17.40	167	2106422	20.026 ng/ul	100
75) Di-n-butylphthalate	17.97	149	2659746	20.009 ng/ul	99
76) Fluoranthene	19.06	202	2777116	20.228 ng/ul	100
79) Pyrene	19.43	202	2816191	21.104 ng/ul	99
80) Butylbenzylphthalate	20.34	149	1254570	21.987 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	906472	20.032 ng/ul	98
82) Benzo(a)anthracene	21.18	228	2737311	20.076 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	1858575	21.996 ng/ul	100
84) Chrysene	21.23	228	2552140	20.015 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	3066651	22.140 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2493206	20.282 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	2485930	20.808 ng/ul	99
90) Benzo(a)pyrene	23.29	252	2332046	20.005 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	2324477	18.819 ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	1968396	18.875 ng/ul	99
93) Benzo(g,h,i)perylene	26.22	276	1873672	18.769 ng/ul	100

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

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