Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\
Data File : BM017833.D
Acq On : 30 Nov 2018 20:47
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02074

Manual Integrations APPROVED
mohammad
12/3/2018 4:57:01 PM

Quant Time: Dec 01 09:02:12 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	206139	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	902854	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	515529	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1028752	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	805544	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	777304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	32753m	7.27	ng/uL	0.00
5) Phenol-d5	6.77	99	331885	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	209565	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	279512	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	271304	17.64	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	133092	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	151354	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	286285	18.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	243626	18.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	830611	18.57	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1059561	19.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	131567	16.18	ng/ul	0.00
57) Fluorene-d10	15.23	176	709664	18.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	134146	18.24	ng/ul	0.00
70) Anthracene-d10	17.09	188	993329	19.39	ng/ul	0.00
78) Pyrene-d10	19.39	212	906225	23.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	804318	19.08	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	33478	6.967	ng/uL	95
4) Benzaldehyde	6.75	77	58972	16.799	ng/ul	95
6) Phenol	6.80	94	331391	17.635	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	261240	18.196	ng/ul	99
10) 2-Chlorophenol	7.16	128	273108	18.557	ng/ul	99
11) 2-Methylphenol	8.03	108	255762	17.839	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.11	45	318588	18.809	ng/ul	98
14) Acetophenone	8.41	105	427655	17.836	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	224860	17.981	ng/ul	98
16) 4-Methylphenol	8.36	108	272924	17.615	ng/ul	99
17) Hexachloroethane	8.64	117	118452	19.851	ng/ul	92
20) Nitrobenzene	8.78	77	333784	19.176	ng/ul	99
21) Isophorone	9.30	82	599028	18.500	ng/ul	99
23) 2-Nitrophenol	9.48	139	158143	19.124	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	323415	18.722	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	365006	18.421	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	271687	19.022	ng/ul	99
28) Naphthalene	10.40	128	911506	19.377	ng/ul	99
30) 4-Chloroaniline	10.53	127	246050	18.579	ng/ul	95
31) Hexachlorobutadiene	10.68	225	189432	19.970	ng/ul	98
32) Caprolactam	11.31	113	80669m	17.071	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	294490	18.155	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	664577	18.925	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	346364	20.135 ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	192400	17.344 ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	220783	19.749 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	235948	19.734 ng/ul	98
40) 1,1'-Biphenyl	13.06	154	844542	19.901 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	656504	19.776 ng/ul	100
42) 2-Nitroaniline	13.32	65	188120	19.460 ng/ul	94
44) Dimethylphthalate	13.70	163	803206	18.534 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	165740	19.463 ng/ul	98
47) Acenaphthylene	13.95	152	987824	19.538 ng/ul	99
48) 3-Nitroaniline	14.16	138	146064	17.980 ng/ul	99
49) Acenaphthene	14.30	153	699833	19.206 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	82211	14.239 ng/ul	97
52) 4-Nitrophenol	14.47	109	106799	15.966 ng/ul	99
53) Dibenzofuran	14.63	168	968201	18.778 ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	234656	18.199 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.87	232	203912	18.496 ng/ul	99
56) Diethylphthalate	15.07	149	810736	18.160 ng/ul	99
58) Fluorene	15.29	166	785470	18.268 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	401853	18.194 ng/ul	98
60) 4-Nitroaniline	15.33	138	144707	16.023 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	137731	18.172 ng/ul	95
64) N-Nitrosodiphenylamine	15.50	169	671460	21.200 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	244187	20.772 ng/ul	98
66) Hexachlorobenzene	16.29	284	264266	20.225 ng/ul	100
67) Atrazine	16.47	200	234979	20.001 ng/ul	100
68) Pentachlorophenol	16.64	266	152550	18.766 ng/ul	99
69) Phenanthrene	17.03	178	1144580	19.456 ng/ul	98
71) Anthracene	17.12	178	1165065	19.365 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	338642	23.228 ng/uL	99
73) Pentachlorobenzene	14.55	250	329357	22.088 ng/uL	98
74) Carbazole	17.40	167	988920	18.654 ng/ul	100
75) Di-n-butylphthalate	17.97	149	1266883	18.910 ng/ul	99
76) Fluoranthene	19.06	202	1141208	16.492 ng/ul	99
79) Pyrene	19.42	202	1135199	23.215 ng/ul	98
80) Butylbenzylphthalate	20.34	149	457901	21.899 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.12	252	313775	18.922 ng/ul	98
82) Benzo(a)anthracene	21.17	228	965401	19.322 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	620335	20.035 ng/ul	100
84) Chrysene	21.23	228	893612	19.124 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	977139	17.948 ng/ul	100
87) Benzo(b)fluoranthene	22.72	252	908050	18.794 ng/ul	99
88) Benzo(k)fluoranthene	22.77	252	866455	18.452 ng/ul	100
90) Benzo(a)pyrene	23.28	252	868098	18.946 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.54	276	1035970	21.339 ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	869541	21.213 ng/ul	99
93) Benzo(g,h,i)perylene	26.21	276	863616	22.010 ng/ul	98

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

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