Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\

Quantitation Report (QT Reviewed)

Data File : BM018059.D
Acq On : 11 Dec 2018 16:10
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02090

Manual Integrations APPROVED
Sohil
12/12/2018 5:42:35 PM

Quant Time: Dec 12 00:58:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 00:24:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	173521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	760056	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	437638	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	958671	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	878198	20.00	ng/ul	0.00
85) Perylene-d12	23.35	264	728015	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	27585	7.28	ng/uL	0.00
5) Phenol-d5	6.74	99	290235	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	167697	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	247954	20.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	234747	18.13	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	118920	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	136401	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	251830	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	218658	20.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	714629	18.82	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	904946	19.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	110107	15.95	ng/ul	0.00
57) Fluorene-d10	15.20	176	611993	18.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	112295	16.39	ng/ul	0.00
70) Anthracene-d10	17.06	188	933067	19.55	ng/ul	0.00
78) Pyrene-d10	19.37	212	982158	23.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	779281	19.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	27840	6.882	ng/uL	96
4) Benzaldehyde	6.72	77	51271	17.350	ng/ul	88
6) Phenol	6.77	94	282747	17.874	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	223757	18.515	ng/ul	93
10) 2-Chlorophenol	7.12	128	245728	19.835	ng/ul	95
11) 2-Methylphenol	8.00	108	224469	18.599	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.08	45	243795m	17.099	ng/ul	
14) Acetophenone	8.38	105	363732	18.022	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.36	70	179674	17.068	ng/ul	95
16) 4-Methylphenol	8.33	108	237515	18.212	ng/ul	99
17) Hexachloroethane	8.60	117	97947	19.500	ng/ul	94
20) Nitrobenzene	8.75	77	264137	18.026	ng/ul	92
21) Isophorone	9.27	82	489510	17.958	ng/ul	97
23) 2-Nitrophenol	9.45	139	140507	20.184	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	272975	18.771	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.75	93	310467	18.612	ng/ul	99
27) 2,4-Dichlorophenol	9.98	162	231628	19.264	ng/ul	99
28) Naphthalene	10.36	128	789054	19.925	ng/ul	99
30) 4-Chloroaniline	10.50	127	218020	19.555	ng/ul	96
31) Hexachlorobutadiene	10.64	225	155594	19.485	ng/ul	100
32) Caprolactam	11.28	113	72975m	18.345	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	251143	18.391	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	565198	19.119	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	286592	19.626	ng/ul	96
37) Hexachlorocyclopentadiene	12.33	237	168248	17.866	ng/ul	99
38) 2,4,6-Trichlorophenol	12.62	196	185699	19.567	ng/ul	97
39) 2,4,5-Trichlorophenol	12.69	196	194092	19.122	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	705036	19.570	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	563407	19.992	ng/ul	99
42) 2-Nitroaniline	13.29	65	148610	18.109	ng/ul	95
44) Dimethylphthalate	13.67	163	684748	18.613	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	141366	19.555	ng/ul	93
47) Acenaphthylene	13.92	152	839372	19.557	ng/ul	99
48) 3-Nitroaniline	14.13	138	135148	19.597	ng/ul	92
49) Acenaphthene	14.26	153	596396	19.281	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	90063	18.375	ng/ul	94
52) 4-Nitrophenol	14.45	109	84828	14.938	ng/ul	94
53) Dibenzofuran	14.60	168	828862	18.936	ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	207886	18.993	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.84	232	174456	18.641	ng/ul	97
56) Diethylphthalate	15.05	149	687510	18.141	ng/ul	98
58) Fluorene	15.26	166	682177	18.689	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	341957	18.238	ng/ul	97
60) 4-Nitroaniline	15.30	138	132532	17.287	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.36	198	116578	16.506	ng/ul	91
64) N-Nitrosodiphenylamine	15.48	169	590908	20.020	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	217432	19.848	ng/ul	97
66) Hexachlorobenzene	16.26	284	246889	20.276	ng/ul	97
67) Atrazine	16.45	200	209553	19.141	ng/ul	99
68) Pentachlorophenol	16.62	266	139602	18.428	ng/ul	98
69) Phenanthrene	17.00	178	1074277	19.596	ng/ul	99
71) Anthracene	17.09	178	1093934	19.512	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	282219	20.773	ng/uL	99
73) Pentachlorobenzene	14.52	250	283264	20.385	ng/uL	99
74) Carbazole	17.37	167	953613	19.303	ng/ul	99
75) Di-n-butylphthalate	17.94	149	1190616	19.070	ng/ul	99
76) Fluoranthene	19.03	202	1222770	18.962	ng/ul	98
79) Pyrene	19.40	202	1227251	23.021	ng/ul	99
80) Butylbenzylphthalate	20.32	149	541654	23.761	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.10	252	331858	18.357	ng/ul	100
82) Benzo(a)anthracene	21.16	228	1080468	19.836	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.10	149	800302	23.709	ng/ul	99
84) Chrysene	21.21	228	1016287	19.950	ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1295691	25.410	ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	925835	20.459	ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	859296	19.538	ng/ul	98
90) Benzo(a)pyrene	23.26	252	823123	19.181	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	925014	20.343	ng/ul	100
92) Dibenzo(a,h)anthracene	25.52	278	778642	20.282	ng/ul	99
93) Benzo(g,h,i)perylene	26.16	276	774882	21.086	ng/ul	99

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

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