Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112018\

Quantitation Report (QT Reviewed)

Data File : BM017721.D
Acq On : 21 Nov 2018 01:41
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 21 07:43:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 01:07:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	184172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	837770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	515871	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1271714	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1458766	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1310980	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	31299	7.78	ng/uL	0.00
5) Phenol-d5	6.78	99	321674	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	198421	19.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	264106	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	267833	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	128332	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	144191	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	279039	19.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	244033	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	887485	19.83	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1072590	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	149251	18.34	ng/ul	0.00
57) Fluorene-d10	15.25	176	762827	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	153888	16.93	ng/ul	0.00
70) Anthracene-d10	17.10	188	1250925	19.76	ng/ul	0.00
78) Pyrene-d10	19.40	212	1398079	19.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.25	264	1422442	20.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	34189	7.963	ng/uL	93
4) Benzaldehyde	6.76	77	54693	17.438	ng/ul	98
6) Phenol	6.81	94	325887	19.410	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.04	93	249680	19.465	ng/ul	99
10) 2-Chlorophenol	7.16	128	257728	19.600	ng/ul	97
11) 2-Methylphenol	8.04	108	247966	19.358	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	293699	19.407	ng/ul	98
14) Acetophenone	8.42	105	419971	19.605	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	222482	19.913	ng/ul	98
16) 4-Methylphenol	8.37	108	269916	19.499	ng/ul	99
17) Hexachloroethane	8.65	117	104556	19.612	ng/ul	95
20) Nitrobenzene	8.79	77	320022	19.814	ng/ul	98
21) Isophorone	9.31	82	596571	19.855	ng/ul	99
23) 2-Nitrophenol	9.49	139	153916	20.059	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	325099	20.282	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	362500	19.716	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	268159	20.233	ng/ul	99
28) Naphthalene	10.42	128	870619	19.946	ng/ul	98
30) 4-Chloroaniline	10.55	127	246767	20.080	ng/ul	95
31) Hexachlorobutadiene	10.69	225	173496	19.711	ng/ul	99
32) Caprolactam	11.32	113	83728m	19.095	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	303014	20.131	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	649015	19.918	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	347495	20.188	ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	192614	17.352	ng/ul	97
38) 2,4,6-Trichlorophenol	12.66	196	219116	19.587	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	242610	20.278	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	835320	19.670	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	665764	20.042	ng/ul	99
42) 2-Nitroaniline	13.33	65	197294	20.395	ng/ul	93
44) Dimethylphthalate	13.71	163	859378	19.817	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	171765	20.157	ng/ul	96
47) Acenaphthylene	13.96	152	1015870	20.080	ng/ul	99
48) 3-Nitroaniline	14.17	138	159283	19.594	ng/ul	95
49) Acenaphthene	14.30	153	720289	19.755	ng/ul	99
50) 2,4-Dinitrophenol	14.38	184	87181	15.090	ng/ul	97
52) 4-Nitrophenol	14.49	109	132511	19.797	ng/ul	94
53) Dibenzofuran	14.65	168	1032940	20.020	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	263300	20.407	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.87	232	219215	19.871	ng/ul	96
56) Diethylphthalate	15.09	149	905636	20.272	ng/ul	100
58) Fluorene	15.30	166	858164	19.945	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	443603	20.071	ng/ul	98
60) 4-Nitroaniline	15.34	138	174158	19.271	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.39	198	160457	17.126	ng/ul#	97
64) N-Nitrosodiphenylamine	15.52	169	752320	19.215	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	277312	19.083	ng/ul	94
66) Hexachlorobenzene	16.30	284	306024	18.946	ng/ul	96
67) Atrazine	16.48	200	273701	18.846	ng/ul	99
68) Pentachlorophenol	16.65	266	173263	17.242	ng/ul	95
69) Phenanthrene	17.04	178	1437557	19.767	ng/ul	99
71) Anthracene	17.13	178	1472915	19.804	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	333679	18.515	ng/uL	98
73) Pentachlorobenzene	14.56	250	347475	18.851	ng/uL	98
74) Carbazole	17.41	167	1277702	19.497	ng/ul	99
75) Di-n-butylphthalate	17.97	149	1597162	19.285	ng/ul	99
76) Fluoranthene	19.06	202	1708796	19.976	ng/ul	99
79) Pyrene	19.43	202	1783381	20.139	ng/ul	98
80) Butylbenzylphthalate	20.34	149	737280	19.471	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	565773	18.841	ng/ul	99
82) Benzo(a)anthracene	21.19	228	1774334	19.610	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	1106978	19.742	ng/ul	99
84) Chrysene	21.24	228	1688822	19.958	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1799426	19.597	ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1688570	20.721	ng/ul	99
88) Benzo(k)fluoranthene	22.78	252	1581198	19.965	ng/ul	100
90) Benzo(a)pyrene	23.29	252	1543671	19.976	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	1517970	18.539	ng/ul	99
92) Dibenzo(a,h)anthracene	25.57	278	1281311	18.534	ng/ul	100
93) Benzo(g,h,i)perylene	26.22	276	1219350	18.426	ng/ul	99

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

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