Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121018\

Quantitation Report (QT Reviewed)

Data File : BM018036.D
Acq On : 10 Dec 2018 21:43
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 11 06:44:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	159847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	707170	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	434150	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	994687	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	1185282	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	1227975	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	24436	7.00	ng/uL	0.00
5) Phenol-d5	6.74	99	257111	17.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	148570	16.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	213865	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	212107	17.78	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	104521	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	122093	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	225414	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	197935	19.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	700523	18.60	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	857513	18.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	111692	16.31	ng/ul	0.00
57) Fluorene-d10	15.20	176	602363	18.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	124960	17.57	ng/ul	0.00
70) Anthracene-d10	17.06	188	941116	19.00	ng/ul	0.00
78) Pyrene-d10	19.36	212	1058718	18.46	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	1243965	18.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	26662	7.155	ng/uL#	86
4) Benzaldehyde	6.72	77	44257	16.258	ng/ul	94
6) Phenol	6.77	94	255235	17.515	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.99	93	199899	17.956	ng/ul	95
10) 2-Chlorophenol	7.12	128	217389	19.048	ng/ul	97
11) 2-Methylphenol	8.00	108	199161	17.914	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.07	45	217908m	16.590	ng/ul	
14) Acetophenone	8.37	105	328147	17.649	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	172835	17.823	ng/ul	97
16) 4-Methylphenol	8.33	108	220865	18.384	ng/ul	96
17) Hexachloroethane	8.60	117	84451	18.251	ng/ul	95
20) Nitrobenzene	8.75	77	243876	17.888	ng/ul	96
21) Isophorone	9.27	82	468863	18.486	ng/ul	99
23) 2-Nitrophenol	9.45	139	126997	19.607	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	254736	18.827	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	283542	18.269	ng/ul	98
27) 2,4-Dichlorophenol	9.97	162	210118	18.782	ng/ul	96
28) Naphthalene	10.36	128	702786	19.074	ng/ul	99
30) 4-Chloroaniline	10.50	127	199855	19.266	ng/ul	95
31) Hexachlorobutadiene	10.64	225	139841	18.822	ng/ul	97
32) Caprolactam	11.28	113	69424m	18.757	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	237430	18.687	ng/ul	98
34) 2-Methylnaphthalene	11.99	142	521166	18.948	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	267071	18.436 ng/ul	98
37) Hexachlorocyclopentadiene	12.33	237	139653	14.949 ng/ul	96
38) 2,4,6-Trichlorophenol	12.62	196	175063	18.594 ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	186483	18.520 ng/ul	94
40) 1,1'-Biphenyl	13.02	154	671343	18.785 ng/ul	99
41) 2-Chloronaphthalene	13.06	162	526105	18.819 ng/ul	99
42) 2-Nitroaniline	13.29	65	145612	17.886 ng/ul	98
44) Dimethylphthalate	13.67	163	676995	18.550 ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	140029	19.526 ng/ul	98
47) Acenaphthylene	13.92	152	809086	19.003 ng/ul	99
48) 3-Nitroaniline	14.13	138	126797	18.534 ng/ul	91
49) Acenaphthene	14.26	153	571250	18.616 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	78522	16.149 ng/ul	95
52) 4-Nitrophenol	14.45	109	89958	15.969 ng/ul	95
53) Dibenzofuran	14.60	168	806289	18.569 ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	208345	19.188 ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	14.84	232	176987	19.063 ng/ul	96
56) Diethylphthalate	15.04	149	688327	18.308 ng/ul	99
58) Fluorene	15.26	166	670769	18.524 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	345646	18.583 ng/ul	99
60) 4-Nitroaniline	15.30	138	134594	17.697 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.36	198	129890	17.725 ng/ul	94
64) N-Nitrosodiphenylamine	15.48	169	591956	19.329 ng/ul	100
65) 4-Bromophenyl-phenylether	16.16	248	218198	19.197 ng/ul	97
66) Hexachlorobenzene	16.26	284	237180	18.773 ng/ul	95
67) Atrazine	16.44	200	213250	18.773 ng/ul	100
68) Pentachlorophenol	16.62	266	138125	17.573 ng/ul	97
69) Phenanthrene	17.00	178	1080946	19.003 ng/ul	98
71) Anthracene	17.09	178	1117171	19.204 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	264645	18.774 ng/uL	98
73) Pentachlorobenzene	14.52	250	274929	19.069 ng/uL	99
74) Carbazole	17.37	167	966077	18.847 ng/ul	100
75) Di-n-butylphthalate	17.94	149	1195176	18.450 ng/ul	100
76) Fluoranthene	19.03	202	1288470	19.258 ng/ul	99
79) Pyrene	19.39	202	1329668	18.480 ng/ul	99
80) Butylbenzylphthalate	20.32	149	571563	18.577 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.10	252	451919	18.521 ng/ul	99
82) Benzo(a)anthracene	21.16	228	1362099	18.528 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	860214	18.881 ng/ul	99
84) Chrysene	21.21	228	1300141	18.910 ng/ul	99
86) Di-n-octyl phthalate	21.96	149	1477130	17.174 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	1434080	18.788 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	1312014	17.686 ng/ul	99
90) Benzo(a)pyrene	23.25	252	1344996	18.581 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	1511912	19.713 ng/ul	99
92) Dibenzo(a,h)anthracene	25.50	278	1270489	19.620 ng/ul	98
93) Benzo(g,h,i)perylene	26.15	276	1223608	19.740 ng/ul	99

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

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