Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016814.D
Acq On : 20 Sep 2018 02:37
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Quant Time: Sep 20 03:49:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 03:06:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	266617	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1112466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	606881	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1349194	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1553668	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1612653	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	48564	7.79	ng/uL	0.00
5) Phenol-d5	6.89	99	431345	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	266899	19.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	365034	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	338976	19.48	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	167000	22.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	157664	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	342745	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	433241	21.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	964867	19.80	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1255080	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	175688	21.97	ng/ul	0.00
58) Fluorene-d10	15.36	176	871225	20.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	126640	22.87	ng/ul	0.00
71) Anthracene-d10	17.20	188	1324772	20.35	ng/ul	0.00
79) Pyrene-d10	19.50	212	1460943	19.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1699587	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	50823	7.834	ng/uL#	82
4) Benzaldehyde	6.87	77	291776	23.055	ng/ul	90
6) Phenol	6.92	94	438500	19.534	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	341327	19.749	ng/ul	95
10) 2-Chlorophenol	7.29	128	368900	20.012	ng/ul	95
11) 2-Methylphenol	8.16	108	322758	19.185	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	469976	17.196	ng/ul	99
14) Acetophenone	8.54	105	538616	19.970	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	256422	19.000	ng/ul	95
16) 4-Methylphenol	8.49	108	347485	19.540	ng/ul	98
17) Hexachloroethane	8.79	117	145134	20.044	ng/ul	89
20) Nitrobenzene	8.92	77	377473	20.415	ng/ul#	90
21) Isophorone	9.44	82	667355	18.161	ng/ul	95
23) 2-Nitrophenol	9.62	139	182144	23.741	ng/ul	88
24) 2,4-Dimethylphenol	9.68	107	384522	19.423	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.92	93	447265	19.691	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	332058	20.465	ng/ul	98
28) Naphthalene	10.55	128	1162235	20.318	ng/ul	99
30) 4-Chloroaniline	10.66	127	437899	21.467	ng/ul	99
31) Hexachlorobutadiene	10.84	225	230964	21.089	ng/ul	98
32) Caprolactam	11.43	113	85126	16.590	ng/ul	95
33) 4-Chloro-3-methylphenol	11.79	107	336621	19.795	ng/ul	95
34) 2-Methylnaphthalene	12.17	142	820775	20.364	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	820775	20.364	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	434745	20.859	ng/ul#	96
38) Hexachlorocyclopentadiene	12.52	237	262417	20.221	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.78	196	247074	20.818	ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	267451	20.648	ng/ul	100
41) 1,1'-Biphenyl	13.19	154	1032991	20.461	ng/ul	98
42) 2-Chloronaphthalene	13.23	162	813973	20.601	ng/ul	98
43) 2-Nitroaniline	13.43	65	188745	21.686	ng/ul	99
45) Dimethylphthalate	13.82	163	944667	19.836	ng/ul	99
46) 2,6-Dinitrotoluene	13.94	165	177766	24.303	ng/ul	97
48) Acenaphthylene	14.08	152	1211303	20.334	ng/ul	99
49) 3-Nitroaniline	14.27	138	180878	22.740	ng/ul#	93
50) Acenaphthene	14.42	153	866456	20.486	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	74495	22.768	ng/ul#	86
53) 4-Nitrophenol	14.57	109	124522	20.206	ng/ul#	76
54) Dibenzofuran	14.76	168	1199117	20.664	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	265763	24.708	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.99	232	229456	21.902	ng/ul#	88
57) Diethylphthalate	15.19	149	932514	19.765	ng/ul	96
59) Fluorene	15.41	166	974764	20.447	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	506262	20.944	ng/ul	95
61) 4-Nitroaniline	15.43	138	214390	21.942	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.49	198	138011	22.222	ng/ul	100
65) N-Nitrosodiphenylamine	15.63	169	835687	20.024	ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	310775	20.359	ng/ul	96
67) Hexachlorobenzene	16.41	284	342447	20.845	ng/ul	95
68) Atrazine	16.58	200	284030	19.256	ng/ul	99
69) Pentachlorophenol	16.76	266	178831	20.130	ng/ul	97
70) Phenanthrene	17.15	178	1534335	20.473	ng/ul	99
72) Anthracene	17.24	178	1583388	20.579	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	454915	20.372	ng/uL	98
74) Pentachlorobenzene	14.67	250	418435	20.773	ng/uL	97
75) Carbazole	17.51	167	1372556	20.293	ng/ul	99
76) Di-n-butylphthalate	18.09	149	1477678	18.778	ng/ul	99
77) Fluoranthene	19.17	202	1792537	20.865	ng/ul#	90
80) Pyrene	19.53	202	1869597	19.598	ng/ul#	88
81) Butylbenzylphthalate	20.44	149	626061	17.745	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.22	252	592855	19.262	ng/ul#	97
83) Benzo(a)anthracene	21.28	228	1952377	20.299	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	981257	17.697	ng/ul	98
85) Chrysene	21.33	228	1837061	20.481	ng/ul	99
87) Di-n-octyl phthalate	22.11	149	1588945	16.399	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1981747	20.531	ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1881806	20.303	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1908503	20.743	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.77	276	2229284	20.311	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.79	278	1855850	20.214	ng/ul#	95
94) Benzo(g,h,i)perylene	26.46	276	1840377	20.221	ng/ul#	92

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

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