Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091118\
Data File : BM016743.D
Acq On : 12 Sep 2018 03:33
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Sep 12 04:42:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 12 04:42:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	201580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	856614	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	483145	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1126174	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1368550	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1438113	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	36984	7.85	ng/uL	0.00
5) Phenol-d5	6.90	99	324182	19.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	202573	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	269734	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	257894	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	116998	20.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	102783	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	256599	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	321101	20.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	779780	20.10	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	993915	19.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	134026	21.05	ng/ul	0.00
58) Fluorene-d10	15.37	176	702831	20.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	90000	19.47	ng/ul	0.00
71) Anthracene-d10	17.22	188	1088193	20.03	ng/ul	0.00
79) Pyrene-d10	19.52	212	1227075	18.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1470374	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	38448	7.838	ng/uL#	74
4) Benzaldehyde	6.88	77	216009	22.575	ng/ul	87
6) Phenol	6.93	94	331152	19.512	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.17	93	251127	19.218	ng/ul	93
10) 2-Chlorophenol	7.30	128	273765	19.642	ng/ul	98
11) 2-Methylphenol	8.17	108	243258	19.124	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.27	45	387216	18.739	ng/ul	94
14) Acetophenone	8.55	105	409619	20.088	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.54	70	196161	19.224	ng/ul#	90
16) 4-Methylphenol	8.50	108	262235	19.504	ng/ul	99
17) Hexachloroethane	8.80	117	108249	19.774	ng/ul	82
20) Nitrobenzene	8.93	77	285783	20.072	ng/ul	90
21) Isophorone	9.45	82	528501	18.678	ng/ul	98
23) 2-Nitrophenol	9.63	139	120467	20.391	ng/ul	91
24) 2,4-Dimethylphenol	9.69	107	300894	19.738	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.94	93	342672	19.593	ng/ul	97
27) 2,4-Dichlorophenol	10.16	162	252206	20.187	ng/ul	98
28) Naphthalene	10.56	128	870628	19.766	ng/ul	99
30) 4-Chloroaniline	10.67	127	328257	20.899	ng/ul	96
31) Hexachlorobutadiene	10.85	225	171638	20.353	ng/ul	99
32) Caprolactam	11.43	113	75069	18.999	ng/ul	96
33) 4-Chloro-3-methylphenol	11.80	107	259844	19.844	ng/ul	95
34) 2-Methylnaphthalene	12.18	142	629392	20.280	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.18	142	629392	20.280	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	328768	19.814	ng/ul#	96
38) Hexachlorocyclopentadiene	12.53	237	194255	18.802	ng/ul	99
39) 2,4,6-Trichlorophenol	12.79	196	182888	19.356	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	205286	19.908	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	795802	19.800	ng/ul	97
42) 2-Chloronaphthalene	13.24	162	628336	19.976	ng/ul	98
43) 2-Nitroaniline	13.45	65	153014	22.083	ng/ul	99
45) Dimethylphthalate	13.83	163	769597	20.299	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	134073	23.024	ng/ul	97
48) Acenaphthylene	14.09	152	948495	20.000	ng/ul	99
49) 3-Nitroaniline	14.27	138	135131	21.340	ng/ul#	99
50) Acenaphthene	14.43	153	688343	20.443	ng/ul	99
51) 2,4-Dinitrophenol	14.48	184	51669	19.836	ng/ul#	84
53) 4-Nitrophenol	14.58	109	106042	21.614	ng/ul#	80
54) Dibenzofuran	14.77	168	947692	20.514	ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	207410	24.222	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.00	232	174383	20.908	ng/ul#	88
57) Diethylphthalate	15.21	149	768810	20.468	ng/ul	98
59) Fluorene	15.42	166	786989	20.736	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.43	204	405327	21.063	ng/ul	94
61) 4-Nitroaniline	15.44	138	172985	22.239	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.50	198	97385	18.786	ng/ul#	97
65) N-Nitrosodiphenylamine	15.64	169	682136	19.582	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	246930	19.380	ng/ul	98
67) Hexachlorobenzene	16.42	284	273493	19.945	ng/ul#	92
68) Atrazine	16.59	200	239460	19.449	ng/ul	99
69) Pentachlorophenol	16.77	266	133615	18.019	ng/ul	97
70) Phenanthrene	17.16	178	1272015	20.334	ng/ul	100
72) Anthracene	17.25	178	1310485	20.405	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	343772	18.444	ng/uL	98
74) Pentachlorobenzene	14.69	250	326393	19.413	ng/uL	97
75) Carbazole	17.52	167	1150442	20.378	ng/ul	98
76) Di-n-butylphthalate	18.10	149	1274037	19.396	ng/ul	99
77) Fluoranthene	19.18	202	1496478	20.869	ng/ul#	91
80) Pyrene	19.54	202	1579127	18.792	ng/ul#	89
81) Butylbenzylphthalate	20.46	149	540203	17.383	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.23	252	490541	18.094	ng/ul#	98
83) Benzo(a)anthracene	21.29	228	1655447	19.540	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	871137	17.836	ng/ul#	98
85) Chrysene	21.34	228	1569482	19.864	ng/ul	98
87) Di-n-octyl phthalate	22.13	149	1429246	16.541	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1643096	19.088	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	1681038	20.338	ng/ul#	97
91) Benzo(a)pyrene	23.45	252	1633109	19.904	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	1947246	19.895	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.81	278	1649371	20.145	ng/ul#	94
94) Benzo(g,h,i)perylene	26.49	276	1613895	19.885	ng/ul#	91

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

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