Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091418\
Data File : BM016761.D
Acq On : 14 Sep 2018 19:48
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02061

Quant Time: Sep 15 00:36:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 00:35:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	245831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1024259	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	536012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1136099	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1242601	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1268736	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	42681	7.42	ng/uL	0.00
5) Phenol-d5	6.90	99	388039	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	241933	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	321523	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	302979	18.88	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	140986	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	129433	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	300918	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	371177	19.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	811426	18.85	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1082582	19.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	137590	19.48	ng/ul	0.00
58) Fluorene-d10	15.36	176	718449	19.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	88194	18.91	ng/ul	0.00
71) Anthracene-d10	17.22	188	1070359	19.53	ng/ul	0.00
79) Pyrene-d10	19.51	212	1138956	18.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1264641	19.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	45163	7.550	ng/uL#	77
4) Benzaldehyde	6.88	77	264447	22.662	ng/ul	88
6) Phenol	6.93	94	390541	18.869	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	305590	19.176	ng/ul	94
10) 2-Chlorophenol	7.30	128	328101	19.303	ng/ul	96
11) 2-Methylphenol	8.17	108	290282	18.713	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	450490	17.877	ng/ul	96
14) Acetophenone	8.55	105	475733	19.130	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	229519	18.444	ng/ul	92
16) 4-Methylphenol	8.49	108	308549	18.817	ng/ul	100
17) Hexachloroethane	8.80	117	128051	19.180	ng/ul	88
20) Nitrobenzene	8.92	77	336950	19.793	ng/ul	92
21) Isophorone	9.45	82	607397	17.953	ng/ul	97
23) 2-Nitrophenol	9.63	139	150424	21.295	ng/ul	89
24) 2,4-Dimethylphenol	9.69	107	342992	18.817	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.93	93	394401	18.859	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	292010	19.547	ng/ul	96
28) Naphthalene	10.56	128	1016813	19.307	ng/ul	99
30) 4-Chloroaniline	10.67	127	372892	19.855	ng/ul	97
31) Hexachlorobutadiene	10.85	225	200481	19.882	ng/ul	97
32) Caprolactam	11.43	113	79714	16.873	ng/ul	93
33) 4-Chloro-3-methylphenol	11.80	107	291344	18.608	ng/ul	92
34) 2-Methylnaphthalene	12.17	142	718621	19.365	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	718621	19.365	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	368727	20.030	ng/ul#	97
38) Hexachlorocyclopentadiene	12.53	237	224751	19.608	ng/ul#	99
39) 2,4,6-Trichlorophenol	12.79	196	206729	19.721	ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	228614	19.984	ng/ul	95
41) 1,1'-Biphenyl	13.20	154	874335	19.608	ng/ul	96
42) 2-Chloronaphthalene	13.24	162	688278	19.723	ng/ul	98
43) 2-Nitroaniline	13.45	65	160972	20.940	ng/ul	99
45) Dimethylphthalate	13.83	163	794621	18.892	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	141641	21.925	ng/ul	99
48) Acenaphthylene	14.09	152	1018175	19.351	ng/ul	99
49) 3-Nitroaniline	14.27	138	142824	20.330	ng/ul#	97
50) Acenaphthene	14.43	153	727299	19.470	ng/ul	98
51) 2,4-Dinitrophenol	14.47	184	57482	19.891	ng/ul#	85
53) 4-Nitrophenol	14.57	109	103490	19.014	ng/ul#	75
54) Dibenzofuran	14.77	168	998491	19.482	ng/ul	96
55) 2,4-Dinitrotoluene	14.73	165	204738	21.552	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.99	232	182966	19.773	ng/ul#	84
57) Diethylphthalate	15.20	149	769112	18.457	ng/ul	97
59) Fluorene	15.42	166	816150	19.383	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.42	204	417564	19.559	ng/ul	93
61) 4-Nitroaniline	15.44	138	171479	19.871	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.49	198	98961	18.923	ng/ul	96
65) N-Nitrosodiphenylamine	15.63	169	689615	19.623	ng/ul	98
66) 4-Bromophenyl-phenylether	16.32	248	250687	19.503	ng/ul	98
67) Hexachlorobenzene	16.42	284	274912	19.873	ng/ul	95
68) Atrazine	16.59	200	231470	18.636	ng/ul	99
69) Pentachlorophenol	16.76	266	139786	18.686	ng/ul	97
70) Phenanthrene	17.16	178	1235282	19.574	ng/ul	99
72) Anthracene	17.25	178	1266344	19.546	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	383234	20.381	ng/uL	98
74) Pentachlorobenzene	14.69	250	341267	20.120	ng/uL	98
75) Carbazole	17.52	167	1098083	19.280	ng/ul	99
76) Di-n-butylphthalate	18.10	149	1204042	18.171	ng/ul	99
77) Fluoranthene	19.17	202	1398336	19.330	ng/ul#	91
80) Pyrene	19.54	202	1459849	19.133	ng/ul#	88
81) Butylbenzylphthalate	20.46	149	489001	17.330	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.23	252	441091	17.919	ng/ul#	96
83) Benzo(a)anthracene	21.29	228	1473388	19.153	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	777063	17.523	ng/ul	98
85) Chrysene	21.34	228	1393339	19.422	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1240955	16.279	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1432241	18.860	ng/ul#	96
89) Benzo(k)fluoranthene	22.92	252	1448156	19.860	ng/ul#	96
91) Benzo(a)pyrene	23.44	252	1417361	19.580	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.79	276	1665365	19.286	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.80	278	1393625	19.294	ng/ul#	94
94) Benzo(g,h,i)perylene	26.47	276	1392105	19.442	ng/ul#	92

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

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