Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
Data File : BM016887.D
Acq On : 24 Sep 2018 21:32
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: Sep 25 04:35:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 04:34:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	233487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	994541	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	556627	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1263010	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1507048	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1584599	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	40237	7.37	ng/uL	0.00
5) Phenol-d5	6.89	99	397525	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	232845	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	327533	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	306454	20.11	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	152677	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	151057	25.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	317020	21.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	396095	21.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	893337	19.99	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1165398	20.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	165206	22.52	ng/ul	0.00
58) Fluorene-d10	15.34	176	807280	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	114041	22.00	ng/ul	0.00
71) Anthracene-d10	17.20	188	1252564	20.56	ng/ul	0.00
79) Pyrene-d10	19.49	212	1394713	19.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	1672983	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	42246	7.435	ng/uL#	84
4) Benzaldehyde	6.86	77	260704	23.523	ng/ul	91
6) Phenol	6.92	94	398532	20.273	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	305652	20.194	ng/ul	98
10) 2-Chlorophenol	7.28	128	335132	20.759	ng/ul	94
11) 2-Methylphenol	8.15	108	296464	20.122	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.24	45	413356	17.270	ng/ul	97
14) Acetophenone	8.53	105	486256	20.587	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.52	70	231220	19.563	ng/ul	96
16) 4-Methylphenol	8.48	108	313672	20.141	ng/ul	97
17) Hexachloroethane	8.78	117	130157	20.527	ng/ul	85
20) Nitrobenzene	8.90	77	350251	21.189	ng/ul	92
21) Isophorone	9.43	82	623524	18.980	ng/ul	97
23) 2-Nitrophenol	9.61	139	167739	24.456	ng/ul	93
24) 2,4-Dimethylphenol	9.67	107	349001	19.719	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.92	93	402531	19.823	ng/ul	97
27) 2,4-Dichlorophenol	10.14	162	306991	21.164	ng/ul	98
28) Naphthalene	10.55	128	1047562	20.485	ng/ul	99
30) 4-Chloroaniline	10.66	127	404706	22.193	ng/ul	97
31) Hexachlorobutadiene	10.83	225	206187	21.059	ng/ul	99
32) Caprolactam	11.42	113	87479	19.070	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	316257	20.803	ng/ul	93
34) 2-Methylnaphthalene	12.16	142	744874	20.673	ng/ul	99

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35) 1-Methylnaphthalene	12.16	142	744874	20.673	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	391591	20.484	ng/ul#	97
38) Hexachlorocyclopentadiene	12.51	237	221828	18.637	ng/ul	97
39) 2,4,6-Trichlorophenol	12.77	196	231715	21.286	ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	254346	21.410	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	934855	20.189	ng/ul	96
42) 2-Chloronaphthalene	13.22	162	735488	20.295	ng/ul	97
43) 2-Nitroaniline	13.43	65	182497	22.861	ng/ul	98
45) Dimethylphthalate	13.82	163	878077	20.103	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	164882	24.577	ng/ul	99
48) Acenaphthylene	14.07	152	1119248	20.485	ng/ul	99
49) 3-Nitroaniline	14.26	138	178839	24.514	ng/ul#	92
50) Acenaphthene	14.42	153	796718	20.538	ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	58636	19.539	ng/ul#	91
53) 4-Nitrophenol	14.57	109	122245	21.628	ng/ul#	76
54) Dibenzofuran	14.75	168	1113244	20.916	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	254161	25.763	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	218979	22.789	ng/ul#	87
57) Diethylphthalate	15.19	149	869144	20.085	ng/ul	97
59) Fluorene	15.40	166	911564	20.848	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	468569	21.135	ng/ul	93
61) 4-Nitroaniline	15.43	138	209373	23.363	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.48	198	126709	21.795	ng/ul#	98
65) N-Nitrosodiphenylamine	15.62	169	783855	20.064	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	287406	20.113	ng/ul	94
67) Hexachlorobenzene	16.40	284	319186	20.755	ng/ul#	95
68) Atrazine	16.57	200	266890	19.329	ng/ul	99
69) Pentachlorophenol	16.75	266	173999	20.923	ng/ul	97
70) Phenanthrene	17.14	178	1457221	20.771	ng/ul	99
72) Anthracene	17.23	178	1510407	20.970	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	408981	19.565	ng/uL	99
74) Pentachlorobenzene	14.67	250	384617	20.397	ng/uL	98
75) Carbazole	17.50	167	1298487	20.508	ng/ul	99
76) Di-n-butylphthalate	18.07	149	1431655	19.434	ng/ul	100
77) Fluoranthene	19.16	202	1718742	21.372	ng/ul#	91
80) Pyrene	19.53	202	1800435	19.456	ng/ul#	89
81) Butylbenzylphthalate	20.44	149	639268	18.680	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.21	252	545448	18.270	ng/ul#	96
83) Benzo(a)anthracene	21.27	228	1886868	20.224	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	985461	18.323	ng/ul	97
85) Chrysene	21.33	228	1799998	20.688	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1639199	17.217	ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1903598	20.070	ng/ul#	96
89) Benzo(k)fluoranthene	22.90	252	1873845	20.575	ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1881616	20.813	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	2189619	20.303	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.77	278	1835496	20.346	ng/ul#	95
94) Benzo(g,h,i)perylene	26.44	276	1808840	20.227	ng/ul#	93

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

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