Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016912.D
Acq On : 26 Sep 2018 22:51
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02039

Quant Time: Sep 27 02:44:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 02:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	270409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1132733	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	606449	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1346647	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1486925	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1611905	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	42600	6.74	ng/uL	0.00
5) Phenol-d5	6.89	99	455607	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	266578	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	382640	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	354489	20.09	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	178663	24.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	188171	27.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	361136	21.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	446072	21.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	962581	19.77	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1287651	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	179526	22.46	ng/ul	0.00
58) Fluorene-d10	15.35	176	862593	20.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	114528	20.72	ng/ul	0.00
71) Anthracene-d10	17.20	188	1328071	20.44	ng/ul	0.00
79) Pyrene-d10	19.50	212	1467641	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1693501	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	43463	6.605	ng/uL#	83
4) Benzaldehyde	6.87	77	290910	22.664	ng/ul	86
6) Phenol	6.92	94	448185	19.686	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	348944	19.907	ng/ul	98
10) 2-Chlorophenol	7.29	128	383134	20.492	ng/ul	94
11) 2-Methylphenol	8.16	108	343250	20.117	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	472100	17.031	ng/ul	99
14) Acetophenone	8.53	105	537337	19.644	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	260497	19.031	ng/ul	95
16) 4-Methylphenol	8.48	108	359614	19.938	ng/ul	100
17) Hexachloroethane	8.79	117	148532	20.226	ng/ul	90
20) Nitrobenzene	8.91	77	392295	20.837	ng/ul	92
21) Isophorone	9.43	82	719232	19.223	ng/ul	95
23) 2-Nitrophenol	9.62	139	200808	25.705	ng/ul#	89
24) 2,4-Dimethylphenol	9.68	107	391936	19.443	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.92	93	452494	19.565	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	343350	20.783	ng/ul	98
28) Naphthalene	10.55	128	1171457	20.113	ng/ul	98
30) 4-Chloroaniline	10.66	127	446680	21.506	ng/ul	96
31) Hexachlorobutadiene	10.83	225	227945	20.441	ng/ul	97
32) Caprolactam	11.43	113	111232	21.290	ng/ul	92
33) 4-Chloro-3-methylphenol	11.79	107	355030	20.504	ng/ul	92
34) 2-Methylnaphthalene	12.16	142	822390	20.039	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	822390	20.039	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	429517	20.622	ng/ul	96
38) Hexachlorocyclopentadiene	12.51	237	201957	15.573	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.78	196	266621	22.481	ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	283058	21.869	ng/ul	99
41) 1,1'-Biphenyl	13.19	154	1021937	20.256	ng/ul	97
42) 2-Chloronaphthalene	13.22	162	806480	20.426	ng/ul	98
43) 2-Nitroaniline	13.43	65	209130	24.045	ng/ul	97
45) Dimethylphthalate	13.82	163	935321	19.654	ng/ul	99
46) 2,6-Dinitrotoluene	13.94	165	190199	26.021	ng/ul	94
48) Acenaphthylene	14.07	152	1212950	20.376	ng/ul	99
49) 3-Nitroaniline	14.26	138	201530	25.355	ng/ul	97
50) Acenaphthene	14.42	153	848875	20.085	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	66880	20.455	ng/ul	93
53) 4-Nitrophenol	14.57	109	125716	20.415	ng/ul#	73
54) Dibenzofuran	14.76	168	1176646	20.291	ng/ul	95
55) 2,4-Dinitrotoluene	14.73	165	278751	25.934	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.99	232	247502	23.641	ng/ul#	91
57) Diethylphthalate	15.19	149	928763	19.699	ng/ul	98
59) Fluorene	15.41	166	961981	20.193	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	490417	20.303	ng/ul	95
61) 4-Nitroaniline	15.43	138	232497	23.812	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.49	198	121175	19.548	ng/ul#	98
65) N-Nitrosodiphenylamine	15.62	169	824959	19.804	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	304628	19.994	ng/ul	97
67) Hexachlorobenzene	16.41	284	341793	20.845	ng/ul#	94
68) Atrazine	16.57	200	294812	20.025	ng/ul	98
69) Pentachlorophenol	16.76	266	201242	22.696	ng/ul	97
70) Phenanthrene	17.14	178	1536555	20.542	ng/ul	99
72) Anthracene	17.24	178	1573890	20.494	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	450946	20.233	ng/uL	98
74) Pentachlorobenzene	14.67	250	416758	20.729	ng/uL	98
75) Carbazole	17.51	167	1383655	20.496	ng/ul	99
76) Di-n-butylphthalate	18.08	149	1627858	20.725	ng/ul	99
77) Fluoranthene	19.17	202	1809571	21.104	ng/ul#	92
80) Pyrene	19.53	202	1847319	20.233	ng/ul#	89
81) Butylbenzylphthalate	20.44	149	751821	22.266	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.22	252	647291	21.975	ng/ul#	97
83) Benzo(a)anthracene	21.28	228	1858443	20.189	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	1121697	21.138	ng/ul	99
85) Chrysene	21.33	228	1758848	20.489	ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1942890	20.062	ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1945811	20.168	ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	1790894	19.331	ng/ul#	96
91) Benzo(a)pyrene	23.44	252	1850590	20.123	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.78	276	2183757	19.906	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.79	278	1839883	20.049	ng/ul#	95
94) Benzo(g,h,i)perylene	26.46	276	1825640	20.069	ng/ul#	92

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

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