Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
Data File : BM016889.D
Acq On : 26 Sep 2018 08:57
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Sep 27 01:17:21 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	220792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	914084	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	487804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1062583	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1237402	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1284449	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	38646	7.48	ng/uL	0.00
5) Phenol-d5	6.89	99	351445	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	219928	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	296676	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	268606	18.64	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	136504	22.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	126837	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	271715	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	345122	20.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	743782	18.99	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1004231	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	122081	18.99	ng/ul	0.00
58) Fluorene-d10	15.35	176	685374	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	95708	21.94	ng/ul	0.00
71) Anthracene-d10	17.20	188	1040944	20.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	1137350	18.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	1316665	19.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	41063	7.643	ng/uL#	84
4) Benzaldehyde	6.86	77	241090	23.004	ng/ul	87
6) Phenol	6.91	94	355342	19.115	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	281443	19.664	ng/ul	96
10) 2-Chlorophenol	7.28	128	299430	19.614	ng/ul	97
11) 2-Methylphenol	8.15	108	259523	18.628	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	383977	16.965	ng/ul	97
14) Acetophenone	8.53	105	445491	19.946	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	205902	18.423	ng/ul	96
16) 4-Methylphenol	8.48	108	278059	18.881	ng/ul	95
17) Hexachloroethane	8.78	117	120136	20.036	ng/ul	88
20) Nitrobenzene	8.90	77	320870	21.120	ng/ul	94
21) Isophorone	9.43	82	542040	17.952	ng/ul	96
23) 2-Nitrophenol	9.61	139	146072	23.171	ng/ul	92
24) 2,4-Dimethylphenol	9.67	107	308203	18.946	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.92	93	359200	19.246	ng/ul#	96
27) 2,4-Dichlorophenol	10.14	162	268408	20.133	ng/ul	97
28) Naphthalene	10.54	128	949925	20.210	ng/ul	98
30) 4-Chloroaniline	10.66	127	350447	20.909	ng/ul	97
31) Hexachlorobutadiene	10.83	225	188238	20.918	ng/ul	98
32) Caprolactam	11.42	113	69385	16.457	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	262338	18.775	ng/ul	94
34) 2-Methylnaphthalene	12.16	142	667780	20.164	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	667780	20.164 ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	346749	20.698 ng/ul#	97
38) Hexachlorocyclopentadiene	12.51	237	201161	19.285 ng/ul#	99
39) 2,4,6-Trichlorophenol	12.77	196	192410	20.169 ng/ul	97
40) 2,4,5-Trichlorophenol	12.84	196	211238	20.290 ng/ul	98
41) 1,1'-Biphenyl	13.18	154	826119	20.358 ng/ul#	96
42) 2-Chloronaphthalene	13.22	162	655212	20.631 ng/ul	99
43) 2-Nitroaniline	13.43	65	143726	20.544 ng/ul	97
45) Dimethylphthalate	13.82	163	739222	19.311 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	135959	23.125 ng/ul	98
48) Acenaphthylene	14.07	152	966634	20.187 ng/ul	99
49) 3-Nitroaniline	14.26	138	135977	21.268 ng/ul#	93
50) Acenaphthene	14.42	153	684552	20.136 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	53986	20.528 ng/ul#	86
53) 4-Nitrophenol	14.57	109	91875	18.548 ng/ul#	80
54) Dibenzofuran	14.75	168	956221	20.501 ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	203154	23.498 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.98	232	178613	21.210 ng/ul#	91
57) Diethylphthalate	15.19	149	716918	18.904 ng/ul	96
59) Fluorene	15.40	166	771746	20.140 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	403817	20.784 ng/ul	94
61) 4-Nitroaniline	15.42	138	163419	20.808 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.48	198	106846	21.845 ng/ul#	99
65) N-Nitrosodiphenylamine	15.62	169	653593	19.885 ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	242293	20.154 ng/ul	98
67) Hexachlorobenzene	16.40	284	270278	20.890 ng/ul	95
68) Atrazine	16.57	200	211356	18.194 ng/ul	99
69) Pentachlorophenol	16.75	266	135682	19.393 ng/ul	98
70) Phenanthrene	17.14	178	1219294	20.658 ng/ul	99
72) Anthracene	17.23	178	1254364	20.700 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	361128	20.534 ng/uL	97
74) Pentachlorobenzene	14.67	250	331481	20.895 ng/uL	98
75) Carbazole	17.50	167	1058714	19.875 ng/ul	99
76) Di-n-butylphthalate	18.08	149	1119440	18.063 ng/ul	99
77) Fluoranthene	19.16	202	1390058	20.545 ng/ul#	92
80) Pyrene	19.52	202	1471766	19.371 ng/ul#	85
81) Butylbenzylphthalate	20.44	149	457514	16.282 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.21	252	407374	16.619 ng/ul#	96
83) Benzo(a)anthracene	21.27	228	1489678	19.447 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	724095	16.397 ng/ul	98
85) Chrysene	21.33	228	1460137	20.439 ng/ul	98
87) Di-n-octyl phthalate	22.10	149	1189004	15.407 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1489500	19.374 ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1510524	20.461 ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1475838	20.139 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	1706533	19.521 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.77	278	1424913	19.486 ng/ul#	96
94) Benzo(g,h,i)perylene	26.44	276	1441246	19.882 ng/ul#	93

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

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