Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100318\
Data File : BM016976.D
Acq On : 03 Oct 2018 14:25
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Quant Time: Oct 04 01:46:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 02 20:15:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	233839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	950532	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	493264	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1063521	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1210175	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1258564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	34860	6.37	ng/uL	0.00
5) Phenol-d5	6.88	99	370355	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	230557	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	319480	19.85	ng/ul	-0.01
13) 4-Methylphenol-d8	8.41	113	289653	18.98	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	146246	23.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	148968	26.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	296073	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	361881	20.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	779439	19.68	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1034797	20.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	132556	20.39	ng/ul	0.00
58) Fluorene-d10	15.35	176	695401	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	110007	25.20	ng/ul	0.00
71) Anthracene-d10	17.19	188	1050962	20.48	ng/ul	0.00
79) Pyrene-d10	19.49	212	1129836	19.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	1322648	20.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	35661	6.267	ng/uL#	83
4) Benzaldehyde	6.86	77	249453	22.474	ng/ul	88
6) Phenol	6.90	94	369539	18.770	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	298467	19.690	ng/ul	96
10) 2-Chlorophenol	7.28	128	318154	19.678	ng/ul	95
11) 2-Methylphenol	8.15	108	282548	19.149	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.23	45	417249	17.407	ng/ul	97
14) Acetophenone	8.53	105	458225	19.371	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.51	70	215184	18.179	ng/ul	95
16) 4-Methylphenol	8.47	108	296886	19.035	ng/ul	96
17) Hexachloroethane	8.78	117	128493	20.234	ng/ul	89
20) Nitrobenzene	8.90	77	329184	20.836	ng/ul#	89
21) Isophorone	9.42	82	586878	18.692	ng/ul	97
23) 2-Nitrophenol	9.60	139	164095	25.032	ng/ul#	88
24) 2,4-Dimethylphenol	9.67	107	320145	18.926	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.91	93	379172	19.537	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	280643	20.243	ng/ul	97
28) Naphthalene	10.53	128	987193	20.198	ng/ul	98
30) 4-Chloroaniline	10.65	127	366541	21.030	ng/ul	96
31) Hexachlorobutadiene	10.82	225	197777	21.135	ng/ul	97
32) Caprolactam	11.42	113	81722	18.640	ng/ul	97
33) 4-Chloro-3-methylphenol	11.77	107	277691	19.112	ng/ul	92
34) 2-Methylnaphthalene	12.15	142	694891	20.178	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.37	142	664443	19.294 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	357261	21.089 ng/ul	98
38) Hexachlorocyclopentadiene	12.50	237	200721	19.029 ng/ul#	98
39) 2,4,6-Trichlorophenol	12.77	196	214729	22.260 ng/ul	99
40) 2,4,5-Trichlorophenol	12.84	196	226835	21.547 ng/ul	94
41) 1,1'-Biphenyl	13.17	154	852342	20.771 ng/ul#	96
42) 2-Chloronaphthalene	13.22	162	666553	20.756 ng/ul	98
43) 2-Nitroaniline	13.42	65	153666	21.722 ng/ul	96
45) Dimethylphthalate	13.81	163	773389	19.980 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	141939	23.875 ng/ul	99
48) Acenaphthylene	14.07	152	993367	20.516 ng/ul	99
49) 3-Nitroaniline	14.26	138	147674	22.842 ng/ul#	97
50) Acenaphthene	14.41	153	703632	20.468 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	65228	24.528 ng/ul#	88
53) 4-Nitrophenol	14.56	109	92526	18.473 ng/ul#	67
54) Dibenzofuran	14.75	168	965294	20.466 ng/ul	96
55) 2,4-Dinitrotoluene	14.72	165	217501	24.879 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.97	232	198488	23.310 ng/ul#	89
57) Diethylphthalate	15.18	149	743063	19.377 ng/ul	97
59) Fluorene	15.40	166	780237	20.136 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	404766	20.603 ng/ul	95
61) 4-Nitroaniline	15.42	138	166221	20.931 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.48	198	122726	25.069 ng/ul#	98
65) N-Nitrosodiphenylamine	15.61	169	654506	19.895 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	251489	20.900 ng/ul	99
67) Hexachlorobenzene	16.40	284	273172	21.095 ng/ul#	94
68) Atrazine	16.57	200	226490	19.480 ng/ul	99
69) Pentachlorophenol	16.75	266	159394	22.762 ng/ul	97
70) Phenanthrene	17.14	178	1219781	20.648 ng/ul	99
72) Anthracene	17.23	178	1240625	20.456 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	378180	21.485 ng/uL	99
74) Pentachlorobenzene	14.66	250	339871	21.405 ng/uL	98
75) Carbazole	17.50	167	1056793	19.822 ng/ul	99
76) Di-n-butylphthalate	18.07	149	1207639	19.469 ng/ul	99
77) Fluoranthene	19.16	202	1397935	20.643 ng/ul#	90
80) Pyrene	19.52	202	1440095	19.380 ng/ul#	87
81) Butylbenzylphthalate	20.43	149	527252	19.186 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.21	252	447447	18.664 ng/ul#	98
83) Benzo(a)anthracene	21.27	228	1493109	19.930 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.21	149	820352	18.995 ng/ul	98
85) Chrysene	21.32	228	1405923	20.123 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	1399699	18.510 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	1510230	20.048 ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1461780	20.208 ng/ul#	96
91) Benzo(a)pyrene	23.42	252	1464989	20.402 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	1715804	20.031 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.77	278	1439482	20.090 ng/ul#	94
94) Benzo(g,h,i)perylene	26.44	276	1446747	20.369 ng/ul#	92

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

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