Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016789.D
Acq On : 19 Sep 2018 09:13
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
Sohil
9/20/2018 3:58:52 PM

Quant Time: Sep 20 01:46:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 18 01:29:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	248705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1013159	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	548961	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1217510	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1468618	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1512149	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	45451	7.81	ng/uL	0.00
5) Phenol-d5	6.89	99	388447	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	246833	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	324300	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	301205	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	149154	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	128367	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	298207	19.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	394166	21.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	850886	19.30	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	1133467	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	148054	20.47	ng/ul	0.00
58) Fluorene-d10	15.36	176	779168	20.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	103743	20.76	ng/ul	0.00
71) Anthracene-d10	17.21	188	1203473	20.49	ng/ul	0.00
79) Pyrene-d10	19.50	212	1355791	19.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	1567254	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	47292	7.814	ng/uL#	76
4) Benzaldehyde	6.87	77	266353	22.562	ng/ul	89
6) Phenol	6.92	94	396152	18.919	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	314229	19.491	ng/ul	98
10) 2-Chlorophenol	7.29	128	333283	19.382	ng/ul	96
11) 2-Methylphenol	8.16	108	290309	18.499	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	442383	17.352	ng/ul	97
14) Acetophenone	8.54	105	490354	19.490	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.53	70	231388	18.380	ng/ul	93
16) 4-Methylphenol	8.49	108	311260	18.763	ng/ul	97
17) Hexachloroethane	8.80	117	131377	19.451	ng/ul	88
20) Nitrobenzene	8.92	77	342347	20.330	ng/ul	91
21) Isophorone	9.44	82	601480	17.973	ng/ul	96
23) 2-Nitrophenol	9.62	139	147416	21.098	ng/ul	90
24) 2,4-Dimethylphenol	9.69	107	343979	19.078	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.93	93	404885	19.573	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	295162	19.975	ng/ul	98
28) Naphthalene	10.56	128	1071098	20.560	ng/ul	99
30) 4-Chloroaniline	10.66	127	397723	21.409	ng/ul	96
31) Hexachlorobutadiene	10.84	225	205777	20.631	ng/ul	96
32) Caprolactam	11.43	113	78136m	16.720	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	292052	18.857	ng/ul	91
34) 2-Methylnaphthalene	12.17	142	743527	20.256	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	743527	20.256 ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	393231	20.857 ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	219304	18.682 ng/ul	95
39) 2,4,6-Trichlorophenol	12.79	196	209723	19.535 ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	231847	19.788 ng/ul	98
41) 1,1'-Biphenyl	13.19	154	927565	20.311 ng/ul#	97
42) 2-Chloronaphthalene	13.23	162	737405	20.632 ng/ul	98
43) 2-Nitroaniline	13.44	65	161620	20.528 ng/ul	99
45) Dimethylphthalate	13.83	163	837704	19.446 ng/ul	98
46) 2,6-Dinitrotoluene	13.95	165	149692	22.624 ng/ul	98
48) Acenaphthylene	14.08	152	1085839	20.151 ng/ul	99
49) 3-Nitroaniline	14.27	138	154628	21.491 ng/ul#	92
50) Acenaphthene	14.43	153	781443	20.426 ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	63644	21.504 ng/ul#	93
53) 4-Nitrophenol	14.57	109	106621	19.127 ng/ul#	74
54) Dibenzofuran	14.76	168	1088214	20.732 ng/ul	96
55) 2,4-Dinitrotoluene	14.73	165	225459	23.173 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	14.99	232	192295	20.291 ng/ul#	89
57) Diethylphthalate	15.20	149	810708	18.996 ng/ul	97
59) Fluorene	15.42	166	879476	20.395 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	454865	20.804 ng/ul	95
61) 4-Nitroaniline	15.43	138	192221	21.749 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.49	198	112031	19.990 ng/ul	98
65) N-Nitrosodiphenylamine	15.63	169	758318	20.135 ng/ul	98
66) 4-Bromophenyl-phenylether	16.31	248	277100	20.116 ng/ul	98
67) Hexachlorobenzene	16.42	284	312577	21.085 ng/ul	94
68) Atrazine	16.59	200	249092	18.714 ng/ul	99
69) Pentachlorophenol	16.76	266	152053	18.967 ng/ul	97
70) Phenanthrene	17.16	178	1407057	20.806 ng/ul	99
72) Anthracene	17.24	178	1442754	20.780 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	411111	20.402 ng/uL	97
74) Pentachlorobenzene	14.68	250	371568	20.442 ng/uL	98
75) Carbazole	17.52	167	1245728	20.410 ng/ul	99
76) Di-n-butylphthalate	18.09	149	1289258	18.156 ng/ul	99
77) Fluoranthene	19.17	202	1638336	21.133 ng/ul#	92
80) Pyrene	19.53	202	1743130	19.330 ng/ul#	86
81) Butylbenzylphthalate	20.45	149	510879	15.319 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.22	252	523623	17.998 ng/ul#	97
83) Benzo(a)anthracene	21.29	228	1809551	19.903 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	834149	15.915 ng/ul#	98
85) Chrysene	21.34	228	1742098	20.547 ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1331544	14.656 ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1834836	20.272 ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	1765614	20.315 ng/ul#	95
91) Benzo(a)pyrene	23.44	252	1766026	20.470 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.79	276	2062320	20.039 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.80	278	1729479	20.089 ng/ul#	95
94) Benzo(g,h,i)perylene	26.47	276	1706940	20.002 ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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