Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016822.D
Acq On : 21 Sep 2018 08:55
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 01:01:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 21 02:02:48 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02070

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	269897	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1125349	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	587852	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1252977	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1448261	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1497915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	49396	7.83	ng/uL	0.00
5) Phenol-d5	6.89	99	430116	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	272020	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	358585	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	331436	18.82	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	168923	22.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	150696	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	332510	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	425735	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	889973	18.86	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1219639	20.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	151822	19.60	ng/ul	0.00
58) Fluorene-d10	15.35	176	831949	20.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	112860	21.94	ng/ul	0.00
71) Anthracene-d10	17.20	188	1236998	20.46	ng/ul	0.00
79) Pyrene-d10	19.50	212	1336871	19.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1576914	20.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	49973	7.609	ng/uL#	75
4) Benzaldehyde	6.87	77	292156	22.805	ng/ul	89
6) Phenol	6.92	94	433930	19.096	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	347898	19.885	ng/ul	97
10) 2-Chlorophenol	7.29	128	367555	19.696	ng/ul	96
11) 2-Methylphenol	8.16	108	317436	18.639	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	478370	17.290	ng/ul	98
14) Acetophenone	8.54	105	541910	19.848	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	255105	18.672	ng/ul	96
16) 4-Methylphenol	8.49	108	341087	18.947	ng/ul	94
17) Hexachloroethane	8.79	117	145094	19.795	ng/ul	92
20) Nitrobenzene	8.92	77	383743	20.516	ng/ul	91
21) Isophorone	9.43	82	657233	17.681	ng/ul	98
23) 2-Nitrophenol	9.62	139	174615	22.499	ng/ul	91
24) 2,4-Dimethylphenol	9.68	107	377402	18.845	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.92	93	447624	19.482	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	324531	19.773	ng/ul	97
28) Naphthalene	10.55	128	1184671	20.473	ng/ul	99
30) 4-Chloroaniline	10.66	127	435460	21.103	ng/ul	97
31) Hexachlorobutadiene	10.83	225	234318	21.150	ng/ul	97
32) Caprolactam	11.42	113	73454m	14.151	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	314748	18.297	ng/ul	93
34) 2-Methylnaphthalene	12.16	142	819397	20.097	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	819397	20.097 ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	430282	21.313 ng/ul#	97
38) Hexachlorocyclopentadiene	12.52	237	253814	20.191 ng/ul#	97
39) 2,4,6-Trichlorophenol	12.78	196	230757	20.072 ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	249960	19.923 ng/ul	99
41) 1,1'-Biphenyl	13.19	154	1016041	20.777 ng/ul	97
42) 2-Chloronaphthalene	13.23	162	801980	20.955 ng/ul	99
43) 2-Nitroaniline	13.43	65	175777	20.849 ng/ul	100
45) Dimethylphthalate	13.82	163	882948	19.140 ng/ul	98
46) 2,6-Dinitrotoluene	13.94	165	162810	22.979 ng/ul	97
48) Acenaphthylene	14.08	152	1178078	20.416 ng/ul	99
49) 3-Nitroaniline	14.26	138	162713	21.119 ng/ul	98
50) Acenaphthene	14.42	153	835031	20.382 ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	69051	21.787 ng/ul	92
53) 4-Nitrophenol	14.57	109	110597	18.528 ng/ul#	78
54) Dibenzofuran	14.76	168	1162017	20.673 ng/ul	98
55) 2,4-Dinitrotoluene	14.72	165	243477	23.369 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.99	232	209177	20.612 ng/ul#	90
57) Diethylphthalate	15.19	149	844819	18.486 ng/ul	98
59) Fluorene	15.41	166	932998	20.204 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.41	204	487457	20.819 ng/ul	96
61) 4-Nitroaniline	15.43	138	191916	20.278 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.49	198	122061	21.163 ng/ul	99
65) N-Nitrosodiphenylamine	15.62	169	790020	20.383 ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	293520	20.705 ng/ul	97
67) Hexachlorobenzene	16.41	284	322360	21.129 ng/ul	94
68) Atrazine	16.58	200	248882	18.169 ng/ul	99
69) Pentachlorophenol	16.76	266	157863	19.134 ng/ul	95
70) Phenanthrene	17.15	178	1444984	20.762 ng/ul	98
72) Anthracene	17.24	178	1478441	20.691 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	446819	21.546 ng/uL	98
74) Pentachlorobenzene	14.67	250	405260	21.664 ng/uL	97
75) Carbazole	17.51	167	1252639	19.942 ng/ul	99
76) Di-n-butylphthalate	18.09	149	1281728	17.539 ng/ul	99
77) Fluoranthene	19.16	202	1631367	20.448 ng/ul#	90
80) Pyrene	19.53	202	1730755	19.463 ng/ul#	88
81) Butylbenzylphthalate	20.44	149	507977	15.446 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.22	252	497672	17.347 ng/ul#	97
83) Benzo(a)anthracene	21.28	228	1780756	19.862 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.23	149	819085	15.848 ng/ul	98
85) Chrysene	21.33	228	1709436	20.445 ng/ul	99
87) Di-n-octyl phthalate	22.10	149	1325484	14.728 ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	1775351	19.801 ng/ul#	97
89) Benzo(k)fluoranthene	22.90	252	1807410	20.994 ng/ul#	97
91) Benzo(a)pyrene	23.43	252	1775815	20.779 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.77	276	2103742	20.636 ng/ul#	88
93) Dibenzo(a,h)anthracene	25.78	278	1759697	20.634 ng/ul#	95
94) Benzo(g,h,i)perylene	26.45	276	1765350	20.883 ng/ul#	93

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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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