Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016800.D
Acq On : 19 Sep 2018 17:39
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: Sep 20 01:56:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 20 01:54:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	256327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1084607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	603129	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1360225	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1619375	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1680875	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	47530	7.93	ng/uL	0.00
5) Phenol-d5	6.89	99	421164	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	258820	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	353229	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	329462	19.69	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	159668	22.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	147720	22.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	333624	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	424200	21.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	968934	20.01	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1255329	20.07	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	173189	21.79	ng/ul	0.00
58) Fluorene-d10	15.36	176	876932	20.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	123674	22.15	ng/ul	0.00
71) Anthracene-d10	17.21	188	1352503	20.61	ng/ul	0.00
79) Pyrene-d10	19.50	212	1511750	19.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1755421	20.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	49125	7.876	ng/uL#	81
4) Benzaldehyde	6.87	77	280739	23.073	ng/ul	89
6) Phenol	6.92	94	426728	19.773	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.16	93	334519	20.132	ng/ul	97
10) 2-Chlorophenol	7.29	128	359049	20.259	ng/ul	95
11) 2-Methylphenol	8.16	108	317349	19.620	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	471478	17.943	ng/ul	98
14) Acetophenone	8.54	105	527963	20.361	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	249443	19.224	ng/ul	93
16) 4-Methylphenol	8.49	108	340062	19.890	ng/ul	99
17) Hexachloroethane	8.79	117	137240	19.715	ng/ul	88
20) Nitrobenzene	8.92	77	367343	20.377	ng/ul#	89
21) Isophorone	9.44	82	660058	18.424	ng/ul	95
23) 2-Nitrophenol	9.62	139	169674	22.683	ng/ul#	90
24) 2,4-Dimethylphenol	9.69	107	375421	19.450	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.93	93	439681	19.855	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	327353	20.694	ng/ul	98
28) Naphthalene	10.55	128	1135602	20.362	ng/ul	98
30) 4-Chloroaniline	10.66	127	433854	21.815	ng/ul	100
31) Hexachlorobutadiene	10.84	225	221672	20.760	ng/ul	97
32) Caprolactam	11.43	113	92655	18.521	ng/ul	95
33) 4-Chloro-3-methylphenol	11.79	107	330072	19.908	ng/ul	92
34) 2-Methylnaphthalene	12.17	142	815233	20.746	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.17	142	815233	20.746	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	423678	20.454	ng/ul#	98
38) Hexachlorocyclopentadiene	12.52	237	248625	19.277	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.79	196	241961	20.514	ng/ul	97
40) 2,4,5-Trichlorophenol	12.85	196	268145	20.831	ng/ul	98
41) 1,1'-Biphenyl	13.19	154	1021807	20.365	ng/ul#	96
42) 2-Chloronaphthalene	13.23	162	804369	20.485	ng/ul	98
43) 2-Nitroaniline	13.44	65	189797	21.942	ng/ul	97
45) Dimethylphthalate	13.83	163	939526	19.851	ng/ul	98
46) 2,6-Dinitrotoluene	13.94	165	174956	24.068	ng/ul	98
48) Acenaphthylene	14.08	152	1208615	20.415	ng/ul	99
49) 3-Nitroaniline	14.27	138	180099	22.783	ng/ul#	96
50) Acenaphthene	14.43	153	862066	20.509	ng/ul	99
51) 2,4-Dinitrophenol	14.47	184	77266	23.762	ng/ul	96
53) 4-Nitrophenol	14.57	109	127380	20.799	ng/ul#	74
54) Dibenzofuran	14.76	168	1197453	20.764	ng/ul	96
55) 2,4-Dinitrotoluene	14.73	165	265538	24.841	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.99	232	228703	21.966	ng/ul#	84
57) Diethylphthalate	15.20	149	939585	20.039	ng/ul	97
59) Fluorene	15.42	166	978909	20.662	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	506829	21.098	ng/ul	96
61) 4-Nitroaniline	15.43	138	218583	22.510	ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	15.49	198	135744	21.680	ng/ul	98
65) N-Nitrosodiphenylamine	15.63	169	846856	20.127	ng/ul	98
66) 4-Bromophenyl-phenylether	16.31	248	312154	20.283	ng/ul	98
67) Hexachlorobenzene	16.42	284	346922	20.946	ng/ul	94
68) Atrazine	16.58	200	287745	19.350	ng/ul	98
69) Pentachlorophenol	16.76	266	180001	20.098	ng/ul	98
70) Phenanthrene	17.15	178	1560854	20.658	ng/ul	99
72) Anthracene	17.24	178	1614914	20.819	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	444066	19.725	ng/uL	98
74) Pentachlorobenzene	14.68	250	416730	20.521	ng/uL	99
75) Carbazole	17.52	167	1402225	20.564	ng/ul	99
76) Di-n-butylphthalate	18.09	149	1519927	19.158	ng/ul	99
77) Fluoranthene	19.17	202	1843093	21.280	ng/ul#	89
80) Pyrene	19.53	202	1937355	19.484	ng/ul#	87
81) Butylbenzylphthalate	20.45	149	641905	17.456	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.22	252	594353	18.527	ng/ul#	98
83) Benzo(a)anthracene	21.29	228	2007638	20.026	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1016699	17.593	ng/ul	98
85) Chrysene	21.34	228	1921719	20.555	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	1645405	16.293	ng/ul	100
88) Benzo(b)fluoranthene	22.87	252	1979667	19.677	ng/ul#	97
89) Benzo(k)fluoranthene	22.91	252	2030001	21.013	ng/ul#	96
91) Benzo(a)pyrene	23.44	252	1970077	20.543	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.78	276	2327474	20.345	ng/ul#	87
93) Dibenzo(a,h)anthracene	25.80	278	1946389	20.339	ng/ul#	95
94) Benzo(g,h,i)perylene	26.47	276	1904381	20.075	ng/ul#	92

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

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