Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032819\
Data File : BM019561.D
Acq On : 29 Mar 2019 03:27
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02081

Quant Time: Mar 29 05:02:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 29 04:57:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	133215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	591448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	347427	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	762010	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	979489	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	1188416	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	24484	7.20	ng/uL	0.00
5) Phenol-d5	6.76	99	234674	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	150953	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	178464	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	174959	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	80677	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	94369	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	173947	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	219343	20.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	531893	18.97	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	665806	18.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	86272	19.63	ng/ul	0.00
58) Fluorene-d10	15.24	176	462425	19.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	86511	17.17	ng/ul	0.00
71) Anthracene-d10	17.10	188	693918	18.98	ng/ul	0.00
79) Pyrene-d10	19.40	212	795414	17.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1188459	18.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	27102	7.000	ng/uL	89
4) Benzaldehyde	6.75	77	173030	20.362	ng/ul	98
6) Phenol	6.79	94	241926	19.543	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	178543	18.853	ng/ul	96
10) 2-Chlorophenol	7.15	128	182093	19.923	ng/ul	98
11) 2-Methylphenol	8.03	108	171776	19.897	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	182577	20.339	ng/ul#	85
14) Acetophenone	8.41	105	278568	19.209	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	163431	20.110	ng/ul#	88
16) 4-Methylphenol	8.36	108	184609	19.496	ng/ul	95
17) Hexachloroethane	8.63	117	71490	18.611	ng/ul#	81
20) Nitrobenzene	8.79	77	221825	17.663	ng/ul	100
21) Isophorone	9.30	82	422802	19.624	ng/ul	97
23) 2-Nitrophenol	9.49	139	99217	19.154	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	216857	19.267	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	250253	19.248	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	172481	19.700	ng/ul	96
28) Naphthalene	10.41	128	576189	18.805	ng/ul	99
30) 4-Chloroaniline	10.55	127	224129	20.008	ng/ul	98
31) Hexachlorobutadiene	10.67	225	101841	18.438	ng/ul	98
32) Caprolactam	11.36	113	54386	20.921	ng/ul	84
33) 4-Chloro-3-methylphenol	11.67	107	194124	20.569	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	420340	19.579	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	390293	19.253 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	197518	17.866 ng/ul#	95
38) Hexachlorocyclopentadiene	12.36	237	112623	19.860 ng/ul#	99
39) 2,4,6-Trichlorophenol	12.66	196	131287	19.034 ng/ul	97
40) 2,4,5-Trichlorophenol	12.74	196	133894	18.101 ng/ul	99
41) 1,1'-Biphenyl	13.06	154	537835	18.176 ng/ul#	96
42) 2-Chloronaphthalene	13.10	162	420638	18.562 ng/ul	97
43) 2-Nitroaniline	13.34	65	124349	19.981 ng/ul	89
45) Dimethylphthalate	13.71	163	534015	18.986 ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	104281	20.196 ng/ul	94
48) Acenaphthylene	13.96	152	653706	18.816 ng/ul	99
49) 3-Nitroaniline	14.18	138	104123	20.607 ng/ul	87
50) Acenaphthene	14.30	153	455770	18.627 ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	45680	15.279 ng/ul#	73
53) 4-Nitrophenol	14.49	109	65808	19.135 ng/ul#	76
54) Dibenzofuran	14.64	168	646690	18.926 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	160894	21.042 ng/ul#	59
56) 2,3,4,6-Tetrachlorophenol	14.87	232	122010	19.580 ng/ul#	80
57) Diethylphthalate	15.07	149	542506	19.609 ng/ul	96
59) Fluorene	15.30	166	517591	19.115 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.29	204	248928	18.428 ng/ul#	90
61) 4-Nitroaniline	15.35	138	116085	21.047 ng/ul#	90
64) 4,6-Dinitro-2-methylphenol	15.40	198	89755	16.824 ng/ul#	90
65) N-Nitrosodiphenylamine	15.52	169	453221	19.118 ng/ul	99
66) 4-Bromophenyl-phenylether	16.19	248	152901	18.477 ng/ul	95
67) Hexachlorobenzene	16.29	284	187242	18.686 ng/ul#	90
68) Atrazine	16.47	200	158280	19.078 ng/ul	94
69) Pentachlorophenol	16.65	266	95354	18.206 ng/ul	99
70) Phenanthrene	17.04	178	806853	18.675 ng/ul	100
72) Anthracene	17.13	178	830139	18.834 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	191429	17.327 ng/uL	99
74) Pentachlorobenzene	14.56	250	205647	17.796 ng/uL	97
75) Carbazole	17.42	167	755617	19.115 ng/ul	98
76) Di-n-butylphthalate	17.97	149	965182	22.027 ng/ul	99
77) Fluoranthene	19.07	202	984144	19.879 ng/ul#	87
80) Pyrene	19.43	202	1039935	17.648 ng/ul#	82
81) Butylbenzylphthalate	20.34	149	482358	20.674 ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.13	252	427503	20.091 ng/ul#	97
83) Benzo(a)anthracene	21.19	228	1122542	19.041 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	732293	21.654 ng/ul#	94
85) Chrysene	21.24	228	1062373	18.780 ng/ul	99
87) Di-n-octyl phthalate	21.98	149	1343670	18.127 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1306262	18.045 ng/ul#	96
89) Benzo(k)fluoranthene	22.79	252	1249668	17.976 ng/ul#	97
91) Benzo(a)pyrene	23.31	252	1290032	18.641 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.63	276	1636727	18.887 ng/ul#	87
93) Dibenzo(a,h)anthracene	25.63	278	1376836	18.637 ng/ul#	96
94) Benzo(g,h,i)perylene	26.31	276	1345420	18.579 ng/ul#	93

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

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