Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023462.D
Acq On : 30 Oct 2019 02:42
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Oct 30 07:12:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 07:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	487241	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1963331	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1198569	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.02	188	2434995	20.00	ng/ul	-0.02
78) Chrysene-d12	21.21	240	2527043	20.00	ng/ul	-0.02
86) Perylene-d12	23.40	264	2961920	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	87081	8.49	ng/uL	-0.01
5) Phenol-d5	6.80	99	789234	19.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	484642	20.21	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	630562	19.71	ng/ul	-0.02
13) 4-Methylphenol-d8	8.33	113	608020	18.29	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	298031	20.16	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	318209	19.40	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	621152	19.27	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.53	131	720079	19.43	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1746517	19.19	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	2102296	20.16	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.48	143	294923	18.70	ng/ul	-0.01
58) Fluorene-d10	15.26	176	1514125	19.64	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	252251	16.64	ng/ul	-0.02
71) Anthracene-d10	17.12	188	2325541	20.21	ng/ul	-0.02
79) Pyrene-d10	19.42	212	2538999	18.27	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.26	264	3010323	19.95	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	92291	8.455	ng/uL	98
4) Benzaldehyde	6.77	77	364145	15.456	ng/ul	99
6) Phenol	6.83	94	828288	19.656	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	653513	19.888	ng/ul	97
10) 2-Chlorophenol	7.19	128	662084	19.755	ng/ul	99
11) 2-Methylphenol	8.07	108	598939	18.589	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	947658	20.197	ng/ul	99
14) Acetophenone	8.44	105	985321	18.976	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	519267	17.701	ng/ul	97
16) 4-Methylphenol	8.40	108	657920	18.626	ng/ul	97
17) Hexachloroethane	8.69	117	283755	20.343	ng/ul	98
20) Nitrobenzene	8.81	77	751869	20.768	ng/ul	98
21) Isophorone	9.35	82	1378935	19.011	ng/ul	99
23) 2-Nitrophenol	9.52	139	356528	19.901	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	719040	19.435	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	866853	19.433	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	619295	19.482	ng/ul	98
28) Naphthalene	10.45	128	2033147	20.204	ng/ul	100
30) 4-Chloroaniline	10.56	127	744508	19.376	ng/ul	98
31) Hexachlorobutadiene	10.75	225	414290	19.967	ng/ul	99
32) Caprolactam	11.34	113	177776	18.217	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	640786	18.282	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1476501	19.208	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1419676	19.139 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	775439	20.486 ng/ul	99
38) Hexachlorocyclopentadiene	12.43	237	423193	16.855 ng/ul	100
39) 2,4,6-Trichlorophenol	12.69	196	484802	19.658 ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	515868	19.497 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	1890489	20.341 ng/ul	99
42) 2-Chloronaphthalene	13.13	162	1464452	20.677 ng/ul	99
43) 2-Nitroaniline	13.34	65	397236	20.073 ng/ul	99
45) Dimethylphthalate	13.73	163	1776247	19.437 ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	343967	18.999 ng/ul	96
48) Acenaphthylene	13.99	152	2187398	20.238 ng/ul	100
49) 3-Nitroaniline	14.17	138	292445	17.878 ng/ul	97
50) Acenaphthene	14.33	153	1532980	20.163 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	198960	18.231 ng/ul	96
53) 4-Nitrophenol	14.50	109	242510	19.318 ng/ul	96
54) Dibenzofuran	14.67	168	2193462	20.145 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	512111	19.514 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	451681	18.716 ng/ul	97
57) Diethylphthalate	15.11	149	1795492	19.477 ng/ul	100
59) Fluorene	15.32	166	1760106	19.826 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	911689	19.429 ng/ul	99
61) 4-Nitroaniline	15.34	138	327728	17.949 ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.41	198	280671	16.861 ng/ul#	99
65) N-Nitrosodiphenylamine	15.53	169	1531765	19.942 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	604378	19.440 ng/ul	97
67) Hexachlorobenzene	16.33	284	702250	19.737 ng/ul	99
68) Atrazine	16.50	200	538878	19.197 ng/ul	99
69) Pentachlorophenol	16.67	266	362125	17.135 ng/ul	99
70) Phenanthrene	17.06	178	2777680	20.412 ng/ul	100
72) Anthracene	17.15	178	2838861	20.590 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	756576	20.739 ng/uL	99
74) Pentachlorobenzene	14.59	250	776240	19.857 ng/uL	99
75) Carbazole	17.42	167	2490340	21.426 ng/ul	99
76) Di-n-butylphthalate	18.00	149	2996878	20.542 ng/ul	100
77) Fluoranthene	19.08	202	3218876	22.678 ng/ul	98
80) Pyrene	19.44	202	3331244	18.668 ng/ul	98
81) Butylbenzylphthalate	20.36	149	1373923	18.806 ng/ul	100
82) 3,3'-Dichlorobenzidine	21.13	252	1049613	17.367 ng/ul	99
83) Benzo(a)anthracene	21.19	228	3425278	20.267 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2080803	20.316 ng/ul	98
85) Chrysene	21.24	228	3187390	20.439 ng/ul	100
87) Di-n-octyl phthalate	22.02	149	3453238	19.822 ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	3575890	18.798 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	3550526	19.877 ng/ul	99
91) Benzo(a)pyrene	23.31	252	3462334	20.104 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	4304684	23.084 ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	3612499	22.975 ng/ul	100
94) Benzo(g,h,i)perylene	26.27	276	3572522	23.547 ng/ul	99

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

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