Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021208.D
Acq On : 27 Jun 2019 00:56
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02046

Manual Integrations APPROVED

Quant Time: Jun 27 01:43:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.76	152	281859	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.55	136	1250400	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.40	164	847374	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.16	188	2075104	20.00	ng/ul	0.00	
77) Chrysene-d12	21.34	240	1939505	20.00	ng/ul	0.00	
85) Perylene-d12	23.61	264	1772177	20.00	ng/ul	-0.01	mohammad
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.28	96	40444	6.81	ng/uL	0.00	
5) Phenol-d5	6.93	99	478201	19.49	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.10	67	279704	19.14	ng/ul	0.00	6/27/2019 8:18:07 AM
9) 2-Chlorophenol-d4	7.30	132	389869	19.56	ng/ul	0.00	
13) 4-Methylphenol-d8	8.47	113	401467	19.60	ng/ul	0.00	
19) Nitrobenzene-d5	8.93	128	200817	19.78	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.64	143	232106	20.59	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.17	165	477862	20.85	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.70	131	452405	18.93	ng/ul	0.00	
43) Dimethylphthalate-d6	13.82	166	1483663	19.38	ng/ul	0.00	
46) Acenaphthylene-d8	14.10	160	1832026	19.55	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.62	143	238900	19.18	ng/ul	0.00	
57) Fluorene-d10	15.40	176	1328504	19.95	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.53	200	240353	18.84	ng/ul	0.00	
70) Anthracene-d10	17.25	188	2120988	19.67	ng/ul	0.00	
78) Pyrene-d10	19.54	212	2334168	20.06	ng/ul	0.00	
89) Benzo(a)pyrene-d12	23.46	264	2062287	19.72	ng/ul	-0.01	
Target Compounds						Qvalue	
2) 1,4-Dioxane	3.31	88	40305	6.710	ng/uL	97	
4) Benzaldehyde	6.92	77	163140	14.586	ng/ul	97	
6) Phenol	6.96	94	450533	19.415	ng/ul	99	
8) Bis(2-Chloroethyl)ether	7.20	93	340477	19.225	ng/ul	99	
10) 2-Chlorophenol	7.33	128	370654	19.731	ng/ul	99	
11) 2-Methylphenol	8.20	108	349325	19.456	ng/ul	99	
12) 2,2'-oxybis(1-Chloropropan	8.29	45	427369	18.898	ng/ul	98	
14) Acetophenone	8.59	105	585025	19.849	ng/ul	97	
15) N-Nitroso-di-n-propylamine	8.57	70	300919	19.617	ng/ul	99	
16) 4-Methylphenol	8.53	108	383373	19.621	ng/ul	99	
17) Hexachloroethane	8.83	117	151725	19.377	ng/ul	93	
20) Nitrobenzene	8.97	77	441972	19.377	ng/ul	97	
21) Isophorone	9.49	82	841596	19.592	ng/ul	98	
23) 2-Nitrophenol	9.67	139	228283	20.143	ng/ul	99	
24) 2,4-Dimethylphenol	9.73	107	454916	19.649	ng/ul	99	
25) Bis(2-Chloroethoxy)methane	9.97	93	503959	19.038	ng/ul	99	
27) 2,4-Dichlorophenol	10.20	162	428885	20.557	ng/ul	98	
28) Naphthalene	10.60	128	1250102	19.473	ng/ul	100	
30) 4-Chloroaniline	10.72	127	429688	19.113	ng/ul	100	
31) Hexachlorobutadiene	10.87	225	283409	19.937	ng/ul	98	
32) Caprolactam	11.52	113	126400m	21.551	ng/ul		
33) 4-Chloro-3-methylphenol	11.85	107	444853	20.914	ng/ul	99	
34) 2-Methylnaphthalene	12.22	142	984175	19.994	ng/ul	100	

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)	
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	589454	19.485 ng/ul	99	
37) Hexachlorocyclopentadiene	12.55	237	318814	17.715 ng/ul	99	
38) 2,4,6-Trichlorophenol	12.83	196	382070	20.324 ng/ul	98	
39) 2,4,5-Trichlorophenol	12.90	196	419322	20.882 ng/ul	99	
40) 1,1'-Biphenyl	13.23	154	1322659	18.922 ng/ul	99	
41) 2-Chloronaphthalene	13.27	162	1052800	19.063 ng/ul	100	mohammad
42) 2-Nitroaniline	13.49	65	271716	20.244 ng/ul	99	
44) Dimethylphthalate	13.87	163	1337492	19.190 ng/ul	99	
45) 2,6-Dinitrotoluene	13.99	165	276581	20.792 ng/ul	96	
47) Acenaphthylene	14.13	152	1573904	19.613 ng/ul	99	
48) 3-Nitroaniline	14.33	138	248236	21.317 ng/ul	99	6/27/2019 8:18:07 AM
49) Acenaphthene	14.47	153	1133733	19.271 ng/ul	99	
50) 2,4-Dinitrophenol	14.53	184	129903	19.438 ng/ul	98	
52) 4-Nitrophenol	14.63	109	177465	19.265 ng/ul	99	
53) Dibenzofuran	14.80	168	1648198	19.677 ng/ul	98	
54) 2,4-Dinitrotoluene	14.79	165	412154	21.350 ng/ul	98	
55) 2,3,4,6-Tetrachlorophenol	15.03	232	378999	21.644 ng/ul	100	
56) Diethylphthalate	15.23	149	1354298	20.140 ng/ul	100	
58) Fluorene	15.46	166	1363958	20.042 ng/ul	99	
59) 4-Chlorophenyl-phenylether	15.45	204	736479	19.848 ng/ul	100	
60) 4-Nitroaniline	15.49	138	255935	20.676 ng/ul	98	
63) 4,6-Dinitro-2-methylphenol	15.55	198	239176	18.678 ng/ul	97	
64) N-Nitrosodiphenylamine	15.67	169	1170007	18.617 ng/ul	99	
65) 4-Bromophenyl-phenylether	16.34	248	483646	19.006 ng/ul	99	
66) Hexachlorobenzene	16.45	284	577747	19.810 ng/ul	99	
67) Atrazine	16.63	200	441805	19.377 ng/ul	98	
68) Pentachlorophenol	16.80	266	317103	21.684 ng/ul	98	
69) Phenanthrene	17.20	178	2234065	19.467 ng/ul	100	
71) Anthracene	17.29	178	2298603	19.655 ng/ul	100	
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	588027	18.013 ng/uL	100	
73) Pentachlorobenzene	14.72	250	621677	18.508 ng/uL	98	
74) Carbazole	17.56	167	1933404	20.059 ng/ul	100	
75) Di-n-butylphthalate	18.12	149	2374307	20.518 ng/ul	100	
76) Fluoranthene	19.21	202	2706714	21.828 ng/ul	99	
79) Pyrene	19.57	202	2753496	20.082 ng/ul	99	
80) Butylbenzylphthalate	20.47	149	1107140	21.813 ng/ul	98	
81) 3,3'-Dichlorobenzidine	21.26	252	819485	18.851 ng/ul	100	
82) Benzo(a)anthracene	21.32	228	2571582	19.448 ng/ul	99	
83) Bis(2-ethylhexyl)phthalate	21.24	149	1616797	22.373 ng/ul	100	
84) Chrysene	21.37	228	2370061	19.138 ng/ul	100	
86) Di-n-octyl phthalate	22.13	149	2596748	25.429 ng/ul	100	
87) Benzo(b)fluoranthene	22.92	252	2245874	20.006 ng/ul	100	
88) Benzo(k)fluoranthene	22.97	252	2170578	20.099 ng/ul	99	
90) Benzo(a)pyrene	23.51	252	2048041	19.383 ng/ul	99	
91) Indeno(1,2,3-cd)pyrene	25.90	276	2372110	19.065 ng/ul	99	
92) Dibenzo(a,h)anthracene	25.91	278	1985809	18.973 ng/ul	99	
93) Benzo(g,h,i)perylene	26.60	276	1934978	18.883 ng/ul	98	

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

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