Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021151.D
Acq On : 25 Jun 2019 08:56
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Manual Integrations APPROVED
mohammad
6/27/2019 8:17:07 AM

Quant Time: Jun 25 16:44:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 24 07:41:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	250390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1121792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	757608	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1933322	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2147365	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	2209222	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	34663	6.57	ng/uL	0.00
5) Phenol-d5	6.94	99	396886	18.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	240271	18.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	325822	18.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	338775	18.62	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	167225	18.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	188135	18.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	394613	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	450401	21.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1282300	18.73	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1574696	18.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	203438	18.27	ng/ul	0.00
57) Fluorene-d10	15.40	176	1149835	19.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	216628	18.23	ng/ul	0.00
70) Anthracene-d10	17.26	188	1874579	18.66	ng/ul	0.00
78) Pyrene-d10	19.55	212	2159660	16.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2405191	18.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	34269	6.422	ng/uL	98
4) Benzaldehyde	6.92	77	182443	18.362	ng/ul	98
6) Phenol	6.96	94	381039	18.484	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.20	93	289070	18.373	ng/ul	99
10) 2-Chlorophenol	7.33	128	312642	18.734	ng/ul	98
11) 2-Methylphenol	8.21	108	291036	18.247	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	364990	18.168	ng/ul	99
14) Acetophenone	8.60	105	498766	19.049	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.58	70	255827	18.774	ng/ul	98
16) 4-Methylphenol	8.54	108	319790	18.424	ng/ul	97
17) Hexachloroethane	8.84	117	127161	18.281	ng/ul	97
20) Nitrobenzene	8.97	77	381200	18.628	ng/ul	97
21) Isophorone	9.49	82	712347	18.484	ng/ul	98
23) 2-Nitrophenol	9.68	139	189254	18.614	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	383220	18.450	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.97	93	427595	18.005	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	362468	19.365	ng/ul	98
28) Naphthalene	10.61	128	1061012	18.422	ng/ul	100
30) 4-Chloroaniline	10.73	127	424277	21.036	ng/ul	100
31) Hexachlorobutadiene	10.88	225	239920	18.813	ng/ul	99
32) Caprolactam	11.52	113	103730m	19.713	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	371885	19.488	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	833419	18.872	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	495655	18.326	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	336169	20.893	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	318672	18.960	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	338727	18.867	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	1135694	18.172	ng/ul	99
41) 2-Chloronaphthalene	13.28	162	895708	18.141	ng/ul	100
42) 2-Nitroaniline	13.50	65	229228	19.102	ng/ul	98
44) Dimethylphthalate	13.87	163	1167485	18.735	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	234715	19.735	ng/ul	95
47) Acenaphthylene	14.13	152	1336786	18.632	ng/ul	99
48) 3-Nitroaniline	14.33	138	210354	20.204	ng/ul	97
49) Acenaphthene	14.47	153	973574	18.510	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	117372	19.644	ng/ul	92
52) 4-Nitrophenol	14.63	109	153910	18.687	ng/ul	97
53) Dibenzofuran	14.81	168	1418443	18.940	ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	358348	20.763	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	318416	20.339	ng/ul	98
56) Diethylphthalate	15.24	149	1163106	19.346	ng/ul	99
58) Fluorene	15.46	166	1173499	19.286	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.46	204	642834	19.377	ng/ul	99
60) 4-Nitroaniline	15.49	138	206666	18.674	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.54	198	213456	17.892	ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1014320	17.323	ng/ul	98
65) 4-Bromophenyl-phenylether	16.35	248	420207	17.724	ng/ul	98
66) Hexachlorobenzene	16.46	284	502530	18.495	ng/ul	98
67) Atrazine	16.63	200	392983	18.500	ng/ul	98
68) Pentachlorophenol	16.80	266	271269	19.911	ng/ul	98
69) Phenanthrene	17.20	178	1973730	18.459	ng/ul	99
71) Anthracene	17.29	178	2021727	18.555	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	497871	16.370	ng/uL	98
73) Pentachlorobenzene	14.72	250	539615	17.243	ng/uL	98
74) Carbazole	17.57	167	1741262	19.390	ng/ul	100
75) Di-n-butylphthalate	18.13	149	2030848	18.837	ng/ul	100
76) Fluoranthene	19.22	202	2469081	21.372	ng/ul	99
79) Pyrene	19.58	202	2550833	16.803	ng/ul	99
80) Butylbenzylphthalate	20.48	149	975607	17.361	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.26	252	842465	17.504	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2652765	18.120	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	1427051	17.836	ng/ul	98
84) Chrysene	21.38	228	2501460	18.244	ng/ul	100
86) Di-n-octyl phthalate	22.14	149	2459077	19.317	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	2618162	18.709	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	2569927	19.089	ng/ul	99
90) Benzo(a)pyrene	23.51	252	2419630	18.370	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	2623484	16.914	ng/ul	98
92) Dibenzo(a,h)anthracene	25.92	278	2191570	16.796	ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	2123327	16.622	ng/ul	98

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

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