Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021136.D
Acq On : 23 Jun 2019 15:42
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02040

Manual Integrations APPROVED
mohammad
6/25/2019 8:36:05 AM

Quant Time: Jun 24 03:31:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	246621	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1106170	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.41	164	732095	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.16	188	1776389	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1588157	20.00	ng/ul	-0.01
85) Perylene-d12	23.61	264	1493141	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	35627	6.86	ng/uL	0.00
5) Phenol-d5	6.94	99	427953	19.94	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.11	67	256058	20.02	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.30	132	349847	20.06	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	359819	20.08	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	181733	20.23	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	209456	21.01	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	421472	20.79	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	464145	21.95	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	1340688	20.27	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1634738	20.19	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	207302	19.27	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1171780	20.36	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	212770	19.48	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1839469	19.93	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1965207	20.62	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1744985	19.81	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	37120	7.063	ng/uL	94
4) Benzaldehyde	6.93	77	187720	19.182	ng/ul	98
6) Phenol	6.97	94	404104	19.903	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.20	93	310860	20.060	ng/ul	99
10) 2-Chlorophenol	7.34	128	327197	19.906	ng/ul	99
11) 2-Methylphenol	8.21	108	312507	19.892	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.30	45	390576	19.738	ng/ul	99
14) Acetophenone	8.60	105	529746	20.542	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	275635	20.536	ng/ul	99
16) 4-Methylphenol	8.54	108	344453	20.148	ng/ul	97
17) Hexachloroethane	8.84	117	137101	20.011	ng/ul	97
20) Nitrobenzene	8.97	77	398278	19.738	ng/ul	99
21) Isophorone	9.50	82	765241	20.137	ng/ul	99
23) 2-Nitrophenol	9.68	139	204398	20.388	ng/ul	99
24) 2,4-Dimethylphenol	9.74	107	406960	19.869	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	462261	19.739	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	378144	20.488	ng/ul	98
28) Naphthalene	10.61	128	1126716	19.839	ng/ul	100
30) 4-Chloroaniline	10.73	127	435651	21.905	ng/ul	100
31) Hexachlorobutadiene	10.88	225	253422	20.152	ng/ul	99
32) Caprolactam	11.52	113	112607m	21.703	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	390992	20.779	ng/ul	97
34) 2-Methylnaphthalene	12.22	142	875606	20.107	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	519514	19.878	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	284553	18.301	ng/ul	95
38) 2,4,6-Trichlorophenol	12.84	196	334279	20.582	ng/ul	98
39) 2,4,5-Trichlorophenol	12.91	196	359533	20.724	ng/ul	98
40) 1,1'-Biphenyl	13.24	154	1183159	19.591	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	933305	19.561	ng/ul	99
42) 2-Nitroaniline	13.50	65	241383	20.816	ng/ul	96
44) Dimethylphthalate	13.87	163	1218554	20.236	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	244428	21.268	ng/ul	98
47) Acenaphthylene	14.13	152	1394990	20.121	ng/ul	99
48) 3-Nitroaniline	14.33	138	215090	21.379	ng/ul	97
49) Acenaphthene	14.47	153	1008570	19.843	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	113257	19.616	ng/ul	98
52) 4-Nitrophenol	14.64	109	152182	19.121	ng/ul	97
53) Dibenzofuran	14.81	168	1456019	20.119	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	367078	22.010	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.04	232	327853	21.671	ng/ul	100
56) Diethylphthalate	15.24	149	1194262	20.556	ng/ul	99
58) Fluorene	15.46	166	1209270	20.567	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	654582	20.419	ng/ul	98
60) 4-Nitroaniline	15.50	138	210401	19.674	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.55	198	211344	19.280	ng/ul	98
64) N-Nitrosodiphenylamine	15.67	169	1038799	19.309	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	421165	19.334	ng/ul	97
66) Hexachlorobenzene	16.46	284	498437	19.965	ng/ul	99
67) Atrazine	16.63	200	387587	19.858	ng/ul	99
68) Pentachlorophenol	16.81	266	266115	21.258	ng/ul	99
69) Phenanthrene	17.20	178	1950377	19.852	ng/ul	99
71) Anthracene	17.29	178	1992878	19.906	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.20	216	520938	18.642	ng/uL	99
73) Pentachlorobenzene	14.73	250	547329	19.034	ng/uL	98
74) Carbazole	17.57	167	1673917	20.287	ng/ul	100
75) Di-n-butylphthalate	18.13	149	2008194	20.272	ng/ul	100
76) Fluoranthene	19.22	202	2295229	21.622	ng/ul	99
79) Pyrene	19.58	202	2317028	20.637	ng/ul	99
80) Butylbenzylphthalate	20.48	149	872007	20.981	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.27	252	676552	19.006	ng/ul	99
82) Benzo(a)anthracene	21.33	228	2154732	19.901	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	1204721	20.359	ng/ul	99
84) Chrysene	21.38	228	2007870	19.801	ng/ul	99
86) Di-n-octyl phthalate	22.14	149	1884350	21.901	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1951612	20.634	ng/ul	100
88) Benzo(k)fluoranthene	22.98	252	1818030	19.980	ng/ul	100
90) Benzo(a)pyrene	23.52	252	1771231	19.896	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	1996361	19.044	ng/ul	98
92) Dibenzo(a,h)anthracene	25.92	278	1686184	19.121	ng/ul	100
93) Benzo(g,h,i)perylene	26.61	276	1636210	18.951	ng/ul	98

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

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