Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022682.D
Acq On : 13 Sep 2019 18:24
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02064

Manual Integrations APPROVED
mohammad
9/17/2019 9:21:20 AM

Quant Time: Sep 14 01:13:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 09 07:45:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	264982	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	1203867	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	778254	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.21	188	1611985	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1555994	20.00	ng/ul	-0.01
86) Perylene-d12	23.67	264	1418730	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	46833	7.36	ng/uL	-0.01
5) Phenol-d5	7.00	99	453746	18.56	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	264225	18.86	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	361818	18.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.54	113	361974	18.21	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	176016	20.26	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	163145	20.37	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	366378	18.02	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.76	131	526519	19.60	ng/ul	-0.01
44) Dimethylphthalate-d6	13.88	166	1130035	17.92	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	1468101	19.44	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.66	143	213937	19.86	ng/ul	0.00
58) Fluorene-d10	15.46	176	988937	18.73	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	150955	20.60	ng/ul	-0.01
71) Anthracene-d10	17.31	188	1570569	19.02	ng/ul	-0.01
79) Pyrene-d10	19.60	212	1680240	19.46	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.52	264	1345579	17.65	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	48104	7.518	ng/uL#	91
4) Benzaldehyde	6.98	77	295222	23.129	ng/ul	99
6) Phenol	7.03	94	464247	18.176	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.26	93	357845	18.447	ng/ul	98
10) 2-Chlorophenol	7.40	128	369176	18.192	ng/ul	99
11) 2-Methylphenol	8.27	108	350192	17.568	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	517664	18.145	ng/ul	99
14) Acetophenone	8.66	105	578838	18.667	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	297125	17.739	ng/ul	97
16) 4-Methylphenol	8.60	108	384157	17.849	ng/ul	99
17) Hexachloroethane	8.92	117	147102	18.298	ng/ul	98
20) Nitrobenzene	9.03	77	419648	19.312	ng/ul	97
21) Isophorone	9.56	82	806893	16.571	ng/ul	99
23) 2-Nitrophenol	9.75	139	191251	20.119	ng/ul	98
24) 2,4-Dimethylphenol	9.80	107	416682	17.483	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	511579	17.918	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	361703	18.017	ng/ul	99
28) Naphthalene	10.69	128	1213718	18.184	ng/ul	99
30) 4-Chloroaniline	10.79	127	525313	19.038	ng/ul	100
31) Hexachlorobutadiene	10.98	225	216531	17.508	ng/ul	99
32) Caprolactam	11.56	113	150932m	20.197	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	386864	17.462	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	900633	17.910	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.52	142	883474	18.388	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	446227	17.770	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	249281	16.103	ng/ul	100
39) 2,4,6-Trichlorophenol	12.90	196	280113	17.820	ng/ul	100
40) 2,4,5-Trichlorophenol	12.97	196	312084	18.308	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	1159147	17.886	ng/ul	100
42) 2-Chloronaphthalene	13.34	162	906910	18.484	ng/ul	100
43) 2-Nitroaniline	13.54	65	241578	21.088	ng/ul	92
45) Dimethylphthalate	13.93	163	1142097	17.842	ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	221571	21.260	ng/ul	95
48) Acenaphthylene	14.19	152	1372067	17.517	ng/ul	100
49) 3-Nitroaniline	14.37	138	245897	21.758	ng/ul#	93
50) Acenaphthene	14.54	153	990065	18.242	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	94071	19.676	ng/ul#	73
53) 4-Nitrophenol	14.67	109	160825	18.581	ng/ul	91
54) Dibenzofuran	14.87	168	1382170	18.350	ng/ul	99
55) 2,4-Dinitrotoluene	14.83	165	325231	21.304	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.09	232	258915	18.285	ng/ul	99
57) Diethylphthalate	15.29	149	1143399	17.264	ng/ul	100
59) Fluorene	15.52	166	1162984	18.767	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	579886	18.909	ng/ul	99
61) 4-Nitroaniline	15.53	138	275198	21.370	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.59	198	160654	18.949	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	988840	17.976	ng/ul	100
66) 4-Bromophenyl-phenylether	16.40	248	347836	17.270	ng/ul	98
67) Hexachlorobenzene	16.52	284	395956	17.840	ng/ul	98
68) Atrazine	16.67	200	417285	19.733	ng/ul	99
69) Pentachlorophenol	16.86	266	207706	16.961	ng/ul	99
70) Phenanthrene	17.25	178	1825023	18.490	ng/ul	99
72) Anthracene	17.34	178	1866175	18.407	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	437270	17.424	ng/uL	100
74) Pentachlorobenzene	14.79	250	465498	18.401	ng/uL	99
75) Carbazole	17.60	167	1667613	18.300	ng/ul	99
76) Di-n-butylphthalate	18.18	149	1924006	16.672	ng/ul	100
77) Fluoranthene	19.26	202	2085374	18.618	ng/ul	98
80) Pyrene	19.63	202	2174527	19.311	ng/ul	100
81) Butylbenzylphthalate	20.53	149	803384	16.921	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.30	252	638260	16.130	ng/ul	99
83) Benzo(a)anthracene	21.37	228	2088732	18.096	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.31	149	1215787	16.876	ng/ul	99
85) Chrysene	21.42	228	1936677	18.233	ng/ul	100
87) Di-n-octyl phthalate	22.20	149	1817010	17.891	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	1818776	19.486	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	1744962	19.238	ng/ul	99
91) Benzo(a)pyrene	23.57	252	1669633	18.748	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.99	276	1690259	16.429	ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	1416003	16.539	ng/ul	99
94) Benzo(g,h,i)perylene	26.69	276	1330031	15.737	ng/ul	98

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

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