Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023566.D
Acq On : 01 Nov 2019 19:08
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Manual Integrations APPROVED
mohammad
11/4/2019 10:45:40 AM

Quant Time: Nov 04 00:27:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 04 00:18:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	608996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2591448	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1611239	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	3341632	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	3467655	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	4137088	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	106679	8.32	ng/uL	0.00
5) Phenol-d5	6.79	99	1024741	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	630092	21.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	820076	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	802511	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	399955	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	433797	20.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	836114	19.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	1023444	20.92	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2415900	19.74	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2866745	20.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	417395	19.69	ng/ul	0.00
58) Fluorene-d10	15.25	176	2075187	20.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	359466	17.28	ng/ul	0.00
71) Anthracene-d10	17.10	188	3208173	20.32	ng/ul	0.00
79) Pyrene-d10	19.40	212	3475864	18.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	4186295	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	111259	8.154	ng/uL	98
4) Benzaldehyde	6.76	77	462258	15.698	ng/ul	96
6) Phenol	6.82	94	1080209	20.509	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	846044	20.600	ng/ul	99
10) 2-Chlorophenol	7.17	128	858206	20.487	ng/ul	98
11) 2-Methylphenol	8.06	108	794441	19.727	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1255635	21.410	ng/ul	100
14) Acetophenone	8.43	105	1307353	20.144	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	703258	19.180	ng/ul	99
16) 4-Methylphenol	8.38	108	865156	19.596	ng/ul	99
17) Hexachloroethane	8.67	117	367824	21.098	ng/ul	97
20) Nitrobenzene	8.80	77	1012739	21.193	ng/ul	99
21) Isophorone	9.33	82	1883596	19.675	ng/ul	98
23) 2-Nitrophenol	9.50	139	481426	20.359	ng/ul	97
24) 2,4-Dimethylphenol	9.57	107	966272	19.787	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.81	93	1166575	19.813	ng/ul	98
27) 2,4-Dichlorophenol	10.04	162	825374	19.671	ng/ul	99
28) Naphthalene	10.43	128	2679640	20.175	ng/ul	100
30) 4-Chloroaniline	10.55	127	1065416	21.007	ng/ul	98
31) Hexachlorobutadiene	10.73	225	552567	20.177	ng/ul	99
32) Caprolactam	11.33	113	257504m	19.991	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	881501	19.054	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	1966078	19.378	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	1894238	19.347	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	1027128	20.185	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	852939	25.271	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	659795	19.901	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	710786	19.983	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	2538175	20.315	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1965586	20.645	ng/ul	99
43) 2-Nitroaniline	13.33	65	570112	21.430	ng/ul	97
45) Dimethylphthalate	13.72	163	2429421	19.775	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	492293	20.228	ng/ul	97
48) Acenaphthylene	13.97	152	2944856	20.268	ng/ul	100
49) 3-Nitroaniline	14.16	138	441997	20.100	ng/ul	93
50) Acenaphthene	14.32	153	2071000	20.263	ng/ul	100
51) 2,4-Dinitrophenol	14.37	184	274627	18.719	ng/ul	96
53) 4-Nitrophenol	14.49	109	341125	20.214	ng/ul	96
54) Dibenzofuran	14.66	168	2975331	20.327	ng/ul	100
55) 2,4-Dinitrotoluene	14.63	165	727699	20.627	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.89	232	629206	19.394	ng/ul	100
57) Diethylphthalate	15.10	149	2491999	20.109	ng/ul	99
59) Fluorene	15.31	166	2407292	20.171	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.31	204	1249318	19.805	ng/ul	100
61) 4-Nitroaniline	15.33	138	476645	19.418	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	400078	17.513	ng/ul#	98
65) N-Nitrosodiphenylamine	15.52	169	2081467	19.746	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	823728	19.307	ng/ul	98
67) Hexachlorobenzene	16.32	284	952473	19.506	ng/ul	99
68) Atrazine	16.49	200	743824	19.308	ng/ul	98
69) Pentachlorophenol	16.66	266	515928	17.789	ng/ul	99
70) Phenanthrene	17.04	178	3796879	20.332	ng/ul	99
72) Anthracene	17.14	178	3929675	20.769	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1000643	19.987	ng/uL	100
74) Pentachlorobenzene	14.58	250	1046299	19.503	ng/uL	98
75) Carbazole	17.41	167	3438318	21.556	ng/ul	100
76) Di-n-butylphthalate	17.99	149	4241479	21.185	ng/ul	100
77) Fluoranthene	19.07	202	4471098	22.954	ng/ul	97
80) Pyrene	19.43	202	4561958	18.630	ng/ul	100
81) Butylbenzylphthalate	20.35	149	1921037	19.162	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.12	252	1433635	17.286	ng/ul	99
83) Benzo(a)anthracene	21.19	228	4732232	20.405	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	2883390	20.515	ng/ul	99
85) Chrysene	21.24	228	4367328	20.409	ng/ul	100
87) Di-n-octyl phthalate	22.01	149	4790339	19.686	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	5164968	19.439	ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	4752534	19.048	ng/ul	99
91) Benzo(a)pyrene	23.30	252	4846218	20.146	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	5965884	22.905	ng/ul	99
93) Dibenzo(a,h)anthracene	25.60	278	4993411	22.736	ng/ul	99
94) Benzo(g,h,i)perylene	26.25	276	4957645	23.395	ng/ul	100

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

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