Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023537.D
Acq On : 01 Nov 2019 01:40
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
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11/1/2019 4:15:25 PM

Quant Time: Nov 01 08:17:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	653715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	2722779	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1681727	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	3513060	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	3721119	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	4387223	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	116501	8.47	ng/uL	0.00
5) Phenol-d5	6.79	99	1089417	19.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	678973	21.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	861440	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	844039	18.93	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	425074	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	457922	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	873029	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	1065093	20.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	2495478	19.54	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	2973200	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	444547	20.09	ng/ul	0.00
58) Fluorene-d10	15.26	176	2175884	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	388099	17.74	ng/ul	0.00
71) Anthracene-d10	17.10	188	3355100	20.21	ng/ul	0.00
79) Pyrene-d10	19.40	212	3688552	18.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	4458243	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	122419	8.359	ng/uL	96
4) Benzaldehyde	6.76	77	509743	16.126	ng/ul	98
6) Phenol	6.82	94	1142947	20.216	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	900528	20.426	ng/ul	98
10) 2-Chlorophenol	7.18	128	907736	20.187	ng/ul	97
11) 2-Methylphenol	8.06	108	836483	19.350	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	1327302	21.084	ng/ul	99
14) Acetophenone	8.43	105	1376996	19.766	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	738954	18.775	ng/ul	97
16) 4-Methylphenol	8.39	108	916010	19.329	ng/ul	100
17) Hexachloroethane	8.68	117	390669	20.875	ng/ul	97
20) Nitrobenzene	8.80	77	1068286	21.277	ng/ul	98
21) Isophorone	9.33	82	1960318	19.488	ng/ul	100
23) 2-Nitrophenol	9.51	139	509827	20.520	ng/ul	98
24) 2,4-Dimethylphenol	9.58	107	1021380	19.907	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	1221433	19.744	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	862529	19.565	ng/ul	99
28) Naphthalene	10.44	128	2817158	20.187	ng/ul	100
30) 4-Chloroaniline	10.55	127	1103543	20.709	ng/ul	97
31) Hexachlorobutadiene	10.73	225	582690	20.250	ng/ul	98
32) Caprolactam	11.33	113	263296m	19.455	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	914971	18.824	ng/ul	99
34) 2-Methylnaphthalene	12.06	142	2054823	19.276	ng/ul	100

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35) 1-Methylnaphthalene	12.28	142	1990036	19.345	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	1094111	20.601	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	622439	17.668	ng/ul	99
39) 2,4,6-Trichlorophenol	12.68	196	686761	19.846	ng/ul	100
40) 2,4,5-Trichlorophenol	12.76	196	737559	19.867	ng/ul	99
41) 1,1'-Biphenyl	13.09	154	2655672	20.365	ng/ul	100
42) 2-Chloronaphthalene	13.13	162	2053928	20.668	ng/ul	99
43) 2-Nitroaniline	13.33	65	593207	21.364	ng/ul	99
45) Dimethylphthalate	13.73	163	2539482	19.805	ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	513824	20.227	ng/ul	97
48) Acenaphthylene	13.98	152	3096816	20.421	ng/ul	99
49) 3-Nitroaniline	14.17	138	460301	20.055	ng/ul	91
50) Acenaphthene	14.32	153	2158905	20.237	ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	327338	21.377	ng/ul	98
53) 4-Nitrophenol	14.49	109	363556	20.640	ng/ul	96
54) Dibenzofuran	14.66	168	3099236	20.286	ng/ul	99
55) 2,4-Dinitrotoluene	14.63	165	767586	20.845	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.89	232	668225	19.733	ng/ul	97
57) Diethylphthalate	15.10	149	2584052	19.978	ng/ul	99
59) Fluorene	15.31	166	2510721	20.156	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	1305713	19.831	ng/ul	99
61) 4-Nitroaniline	15.33	138	492561	19.226	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.40	198	429879	17.899	ng/ul#	99
65) N-Nitrosodiphenylamine	15.53	169	2187083	19.736	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	863155	19.244	ng/ul	97
67) Hexachlorobenzene	16.32	284	1015822	19.788	ng/ul	99
68) Atrazine	16.49	200	771172	19.041	ng/ul	98
69) Pentachlorophenol	16.66	266	554259	18.179	ng/ul	97
70) Phenanthrene	17.05	178	3991991	20.334	ng/ul	99
72) Anthracene	17.14	178	4079071	20.506	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	1049671	19.943	ng/uL	98
74) Pentachlorobenzene	14.59	250	1104780	19.589	ng/uL	99
75) Carbazole	17.41	167	3620974	21.593	ng/ul	99
76) Di-n-butylphthalate	17.99	149	4352202	20.678	ng/ul	99
77) Fluoranthene	19.07	202	4694574	22.925	ng/ul	99
80) Pyrene	19.44	202	4821832	18.350	ng/ul	99
81) Butylbenzylphthalate	20.36	149	1999968	18.591	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	1538735	17.290	ng/ul	98
83) Benzo(a)anthracene	21.19	228	5004186	20.108	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2992615	19.842	ng/ul	99
85) Chrysene	21.24	228	4687793	20.415	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	5016227	19.439	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	5255561	18.652	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	5326503	20.131	ng/ul	99
91) Benzo(a)pyrene	23.30	252	5159311	20.225	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.59	276	6344975	22.972	ng/ul	99
93) Dibenzo(a,h)anthracene	25.60	278	5338508	22.922	ng/ul	100
94) Benzo(g,h,i)perylene	26.26	276	5264258	23.426	ng/ul	100

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

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