Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121119\
Data File : BM024033.D
Acq On : 11 Dec 2019 14:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
12/12/2019 11:25:46 AM

Quant Time: Dec 12 00:49:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	336020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1420086	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	881088	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1764364	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1607629	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1823596	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	67395	8.92	ng/uL	0.00
5) Phenol-d5	6.67	99	571282	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	365068	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	450226	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	446252	19.21	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	209273	18.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	230182	18.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	451351	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	537579	20.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1304469	19.05	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	1527015	19.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	195327	16.97	ng/ul	0.00
58) Fluorene-d10	15.14	176	1099329	19.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	186520	16.84	ng/ul	0.00
71) Anthracene-d10	16.99	188	1625118	19.29	ng/ul	0.00
79) Pyrene-d10	19.30	212	1641549	19.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1822060	18.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	70403	8.692	ng/uL	94
4) Benzaldehyde	6.63	77	226719	14.618	ng/ul	96
6) Phenol	6.69	94	624586	20.617	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.92	93	499973	21.225	ng/ul	96
10) 2-Chlorophenol	7.05	128	489151	21.001	ng/ul	100
11) 2-Methylphenol	7.93	108	451257	19.968	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.02	45	563913	22.048	ng/ul	99
14) Acetophenone	8.30	105	739313	20.812	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.29	70	421247	22.178	ng/ul	98
16) 4-Methylphenol	8.26	108	495023	20.128	ng/ul	99
17) Hexachloroethane	8.53	117	202163	21.042	ng/ul	96
20) Nitrobenzene	8.67	77	590850	22.067	ng/ul	97
21) Isophorone	9.20	82	1055548	20.766	ng/ul	99
23) 2-Nitrophenol	9.37	139	267403	20.176	ng/ul	94
24) 2,4-Dimethylphenol	9.45	107	554044	20.716	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.68	93	679126	21.295	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	459650	20.163	ng/ul	97
28) Naphthalene	10.29	128	1524297	20.360	ng/ul	100
30) 4-Chloroaniline	10.42	127	579743	21.640	ng/ul	97
31) Hexachlorobutadiene	10.59	225	295133	20.503	ng/ul	98
32) Caprolactam	11.21	113	124392m	18.070	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	499696	20.710	ng/ul	98
34) 2-Methylnaphthalene	11.92	142	1102454	20.280	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1052166	19.714	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	554034	20.160	ng/ul	99
38) Hexachlorocyclopentadiene	12.28	237	171254	13.373	ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	350062	19.553	ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	373409	19.620	ng/ul	99
41) 1,1'-Biphenyl	12.96	154	1434242	20.147	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1099325	20.182	ng/ul	98
43) 2-Nitroaniline	13.22	65	306577	21.653	ng/ul	99
45) Dimethylphthalate	13.60	163	1344934	20.069	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	264437	20.168	ng/ul	99
48) Acenaphthylene	13.85	152	1660220	20.462	ng/ul	100
49) 3-Nitroaniline	14.06	138	229128	18.686	ng/ul	98
50) Acenaphthene	14.20	153	1170136	20.300	ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	108029	15.456	ng/ul	94
53) 4-Nitrophenol	14.38	109	166904	19.680	ng/ul	94
54) Dibenzofuran	14.54	168	1656559	20.313	ng/ul	99
55) 2,4-Dinitrotoluene	14.53	165	385278	20.202	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.77	232	323252	19.281	ng/ul	98
57) Diethylphthalate	14.99	149	1361321	20.301	ng/ul	99
59) Fluorene	15.19	166	1325262	20.149	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.20	204	662560	19.995	ng/ul	100
61) 4-Nitroaniline	15.23	138	213934	15.466	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.30	198	220608	18.547	ng/ul#	97
65) N-Nitrosodiphenylamine	15.41	169	1143509	20.466	ng/ul	100
66) 4-Bromophenyl-phenylether	16.09	248	423652	19.696	ng/ul	98
67) Hexachlorobenzene	16.20	284	494363	19.829	ng/ul	98
68) Atrazine	16.37	200	377460	19.270	ng/ul	99
69) Pentachlorophenol	16.55	266	245611	17.385	ng/ul	97
70) Phenanthrene	16.93	178	2035380	20.421	ng/ul	100
72) Anthracene	17.02	178	2062878	20.385	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	538908	20.308	ng/uL	98
74) Pentachlorobenzene	14.46	250	569401	19.954	ng/uL	99
75) Carbazole	17.30	167	1767163	20.167	ng/ul	99
76) Di-n-butylphthalate	17.88	149	2137886	19.621	ng/ul	99
77) Fluoranthene	18.96	202	2172914	20.328	ng/ul	100
80) Pyrene	19.33	202	2244790	20.724	ng/ul	98
81) Butylbenzylphthalate	20.25	149	898663	19.529	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	689490	16.963	ng/ul	100
83) Benzo(a)anthracene	21.09	228	2175264	20.244	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1308438	19.130	ng/ul	99
85) Chrysene	21.13	228	2091571	20.727	ng/ul	99
87) Di-n-octyl phthalate	21.89	149	2163222	20.287	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	2269409	20.123	ng/ul	99
89) Benzo(k)fluoranthene	22.65	252	2205186	20.598	ng/ul	99
91) Benzo(a)pyrene	23.15	252	2161882	20.274	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.36	276	2622541	19.807	ng/ul	99
93) Dibenzo(a,h)anthracene	25.37	278	2212620	19.895	ng/ul	99
94) Benzo(g,h,i)perylene	26.00	276	2197728	19.819	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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