Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023384.D
Acq On : 24 Oct 2019 18:05
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
mohammad
10/26/2019 10:03:56 AM

Quant Time: Oct 24 22:55:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	666392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	2994189	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	2016013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	4292608	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	3815323	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	3548542	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	108977	7.77	ng/uL	0.00
5) Phenol-d5	6.81	99	1107072	19.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	657251	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	849066	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	901628	19.83	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	434364	19.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	474108	18.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	956282	19.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	1055534	18.68	ng/ul	-0.01
44) Dimethylphthalate-d6	13.70	166	2948514	19.26	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3400531	19.39	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	519243	19.58	ng/ul	0.00
58) Fluorene-d10	15.28	176	2531449	19.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	469427	17.57	ng/ul	0.00
71) Anthracene-d10	17.13	188	3908563	19.27	ng/ul	0.00
79) Pyrene-d10	19.42	212	4136476	19.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	3486407	19.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	117349	7.860	ng/uL	99
4) Benzaldehyde	6.78	77	493214	15.306	ng/ul	99
6) Phenol	6.84	94	1145489	19.875	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	897074	19.961	ng/ul	99
10) 2-Chlorophenol	7.20	128	898149	19.594	ng/ul	97
11) 2-Methylphenol	8.08	108	867111	19.677	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1321468	20.592	ng/ul	100
14) Acetophenone	8.45	105	1418386	19.972	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	784251	19.547	ng/ul	97
16) 4-Methylphenol	8.40	108	962525	19.924	ng/ul	98
17) Hexachloroethane	8.70	117	366260	19.199	ng/ul	99
20) Nitrobenzene	8.82	77	1072418	19.423	ng/ul	99
21) Isophorone	9.36	82	2138063	19.329	ng/ul	99
23) 2-Nitrophenol	9.53	139	531502	19.453	ng/ul	99
24) 2,4-Dimethylphenol	9.60	107	1103346	19.555	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.84	93	1311064	19.272	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	935458	19.296	ng/ul	99
28) Naphthalene	10.46	128	2955952	19.261	ng/ul	100
30) 4-Chloroaniline	10.57	127	1104132	18.842	ng/ul	98
31) Hexachlorobutadiene	10.76	225	611117	19.313	ng/ul	97
32) Caprolactam	11.35	113	304058m	20.430	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	1052600	19.692	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	2260343	19.282	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	2180447	19.274	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	1230504	19.327	ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	694481	16.445	ng/ul	100
39) 2,4,6-Trichlorophenol	12.70	196	804678	19.398	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	871649	19.585	ng/ul	98
41) 1,1'-Biphenyl	13.11	154	3010352	19.257	ng/ul	100
42) 2-Chloronaphthalene	13.15	162	2303460	19.336	ng/ul	98
43) 2-Nitroaniline	13.35	65	664052	19.949	ng/ul	99
45) Dimethylphthalate	13.75	163	2963860	19.282	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	597836	19.632	ng/ul	99
48) Acenaphthylene	14.00	152	3520589	19.366	ng/ul	99
49) 3-Nitroaniline	14.18	138	501104	18.212	ng/ul	96
50) Acenaphthene	14.35	153	2471677	19.327	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	316329	17.233	ng/ul	99
53) 4-Nitrophenol	14.50	109	428571	20.296	ng/ul	97
54) Dibenzofuran	14.68	168	3532006	19.286	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	878188	19.894	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.91	232	787592	19.402	ng/ul	100
57) Diethylphthalate	15.12	149	3040908	19.611	ng/ul	99
59) Fluorene	15.33	166	2902404	19.437	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	1526758	19.344	ng/ul	99
61) 4-Nitroaniline	15.35	138	539209	17.557	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	525459	17.906	ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	2573974	19.009	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	1037706	18.934	ng/ul	98
67) Hexachlorobenzene	16.34	284	1195233	19.055	ng/ul	99
68) Atrazine	16.51	200	958033	19.359	ng/ul	99
69) Pentachlorophenol	16.68	266	685125	18.390	ng/ul	100
70) Phenanthrene	17.07	178	4617805	19.250	ng/ul	99
72) Anthracene	17.16	178	4740573	19.504	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	1195955	18.596	ng/uL	100
74) Pentachlorobenzene	14.60	250	1291608	18.742	ng/uL	99
75) Carbazole	17.43	167	4183620	20.418	ng/ul	99
76) Di-n-butylphthalate	18.02	149	5246205	20.399	ng/ul	100
77) Fluoranthene	19.09	202	5352059	21.389	ng/ul	100
80) Pyrene	19.45	202	5372759	19.942	ng/ul	100
81) Butylbenzylphthalate	20.37	149	2260811	20.496	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.14	252	1469579	16.105	ng/ul	99
83) Benzo(a)anthracene	21.20	228	4950391	19.401	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	3219147	20.817	ng/ul	99
85) Chrysene	21.26	228	4520093	19.198	ng/ul	100
87) Di-n-octyl phthalate	22.03	149	4987865	23.898	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	4473632	19.629	ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	4142179	19.355	ng/ul	99
91) Benzo(a)pyrene	23.32	252	3953181	19.160	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	4477881	20.044	ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	3757354	19.946	ng/ul	99
94) Benzo(g,h,i)perylene	26.29	276	3607617	19.848	ng/ul	99

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

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