Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023951.D
Acq On : 28 Nov 2019 14:17
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02013

Manual Integrations APPROVED
mohammad
11/29/2019 8:51:36 AM

Quant Time: Nov 28 22:22:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	379221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1572527	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	986210	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2116715	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2179893	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2634596	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	70714	8.30	ng/uL	0.00
5) Phenol-d5	6.67	99	635443	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	372177	19.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	504918	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	499147	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	242180	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	270026	19.46	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.89	165	523425	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	632933	21.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1505661	19.65	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1788182	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	262897	20.41	ng/ul	0.00
58) Fluorene-d10	15.14	176	1287372	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	244508	18.40	ng/ul	0.00
71) Anthracene-d10	17.00	188	1989956	19.68	ng/ul	0.00
79) Pyrene-d10	19.30	212	2172841	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	2713096	19.48	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	72414	7.922	ng/uL	99
4) Benzaldehyde	6.64	77	275827	15.758	ng/ul	100
6) Phenol	6.70	94	671914	19.652	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	528446	19.878	ng/ul	99
10) 2-Chlorophenol	7.05	128	537486	20.448	ng/ul	99
11) 2-Methylphenol	7.94	108	491245	19.261	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	559970	19.399	ng/ul	98
14) Acetophenone	8.31	105	797558	19.894	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.30	70	427237	19.931	ng/ul	99
16) 4-Methylphenol	8.27	108	544743	19.626	ng/ul	97
17) Hexachloroethane	8.55	117	213969	19.734	ng/ul	92
20) Nitrobenzene	8.68	77	607441	20.487	ng/ul	99
21) Isophorone	9.21	82	1127457	20.030	ng/ul	99
23) 2-Nitrophenol	9.39	139	299421	20.401	ng/ul	97
24) 2,4-Dimethylphenol	9.46	107	592749	20.015	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	711338	20.143	ng/ul	98
27) 2,4-Dichlorophenol	9.92	162	511894	20.278	ng/ul	98
28) Naphthalene	10.31	128	1689263	20.376	ng/ul	99
30) 4-Chloroaniline	10.43	127	666950	22.482	ng/ul	98
31) Hexachlorobutadiene	10.60	225	315073	19.766	ng/ul	97
32) Caprolactam	11.22	113	153302m	20.111	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	555157	20.779	ng/ul	99
34) 2-Methylnaphthalene	11.93	142	1224352	20.339	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	1190475	20.143	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	616129	20.030	ng/ul	98
38) Hexachlorocyclopentadiene	12.29	237	218746	15.260	ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	406132	20.267	ng/ul	99
40) 2,4,5-Trichlorophenol	12.64	196	433906	20.368	ng/ul	99
41) 1,1'-Biphenyl	12.97	154	1610824	20.215	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1237018	20.289	ng/ul	98
43) 2-Nitroaniline	13.23	65	327916	20.692	ng/ul	95
45) Dimethylphthalate	13.62	163	1531965	20.423	ng/ul	100
46) 2,6-Dinitrotoluene	13.73	165	310174	21.135	ng/ul	100
48) Acenaphthylene	13.86	152	1888999	20.800	ng/ul	100
49) 3-Nitroaniline	14.06	138	268886	19.591	ng/ul	98
50) Acenaphthene	14.21	153	1324797	20.534	ng/ul	99
51) 2,4-Dinitrophenol	14.29	184	131227	16.774	ng/ul	96
53) 4-Nitrophenol	14.39	109	201524	21.229	ng/ul	98
54) Dibenzofuran	14.55	168	1878967	20.584	ng/ul	100
55) 2,4-Dinitrotoluene	14.53	165	459478	21.525	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.79	232	393956	20.993	ng/ul	98
57) Diethylphthalate	14.99	149	1531374	20.402	ng/ul	99
59) Fluorene	15.20	166	1521302	20.665	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	747192	20.146	ng/ul	100
61) 4-Nitroaniline	15.23	138	232474	15.015	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.30	198	268322	18.803	ng/ul	100
65) N-Nitrosodiphenylamine	15.42	169	1341282	20.010	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	505254	19.579	ng/ul	98
67) Hexachlorobenzene	16.21	284	589853	19.721	ng/ul	98
68) Atrazine	16.39	200	458253	19.501	ng/ul	98
69) Pentachlorophenol	16.56	266	318789	18.809	ng/ul	98
70) Phenanthrene	16.94	178	2419992	20.238	ng/ul	99
72) Anthracene	17.03	178	2483886	20.460	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	603841	18.968	ng/uL	96
74) Pentachlorobenzene	14.47	250	648630	18.947	ng/uL	98
75) Carbazole	17.31	167	2220884	21.126	ng/ul	99
76) Di-n-butylphthalate	17.89	149	2522409	19.297	ng/ul	100
77) Fluoranthene	18.97	202	2808865	21.904	ng/ul	100
80) Pyrene	19.33	202	2932860	19.968	ng/ul	99
81) Butylbenzylphthalate	20.26	149	1174887	18.829	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.03	252	1023088	18.562	ng/ul	97
83) Benzo(a)anthracene	21.09	228	2960736	20.320	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1698688	18.316	ng/ul	98
85) Chrysene	21.14	228	2768366	20.232	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	2849046	18.494	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	3313162	20.335	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	3031716	19.602	ng/ul	100
91) Benzo(a)pyrene	23.16	252	3101121	20.130	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.38	276	3939473	20.594	ng/ul	99
93) Dibenzo(a,h)anthracene	25.39	278	3306907	20.581	ng/ul	100
94) Benzo(g,h,i)perylene	26.02	276	3279556	20.471	ng/ul	99

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

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