Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023610.D
Acq On : 05 Nov 2019 16:36
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
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11/6/2019 4:48:20 PM

Quant Time: Nov 06 07:19:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 05:47:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	605463	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2539051	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1569391	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	3279155	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	3457252	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	4079638	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	97327	7.64	ng/uL	0.00
5) Phenol-d5	6.78	99	987879	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	615028	20.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	779895	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	766635	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	384330	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	400855	18.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	785579	18.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	970116	20.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	2275158	19.09	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	2775564	20.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	393213	19.05	ng/ul	0.00
58) Fluorene-d10	15.24	176	2018332	20.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	341002	16.70	ng/ul	0.00
71) Anthracene-d10	17.10	188	3121579	20.14	ng/ul	0.00
79) Pyrene-d10	19.40	212	3434613	18.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	4145362	19.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	100140	7.382	ng/uL	89
4) Benzaldehyde	6.75	77	455251	15.550	ng/ul	97
6) Phenol	6.81	94	1044720	19.951	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	829360	20.311	ng/ul	99
10) 2-Chlorophenol	7.17	128	815195	19.574	ng/ul	96
11) 2-Methylphenol	8.05	108	763301	19.064	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	1249345	21.427	ng/ul	98
14) Acetophenone	8.42	105	1293191	20.042	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	679805	18.649	ng/ul	97
16) 4-Methylphenol	8.37	108	843457	19.216	ng/ul	99
17) Hexachloroethane	8.67	117	364319	21.019	ng/ul	97
20) Nitrobenzene	8.79	77	1021330	21.814	ng/ul	99
21) Isophorone	9.32	82	1836199	19.575	ng/ul	98
23) 2-Nitrophenol	9.50	139	453081	19.555	ng/ul	95
24) 2,4-Dimethylphenol	9.57	107	923994	19.312	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.80	93	1136176	19.695	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	787526	19.157	ng/ul	99
28) Naphthalene	10.43	128	2642829	20.308	ng/ul	99
30) 4-Chloroaniline	10.54	127	1025758	20.642	ng/ul	99
31) Hexachlorobutadiene	10.72	225	526653	19.627	ng/ul	99
32) Caprolactam	11.33	113	244348m	19.361	ng/ul	
33) 4-Chloro-3-methylphenol	11.68	107	850775	18.770	ng/ul	98
34) 2-Methylnaphthalene	12.05	142	1902277	19.136	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.27	142	1827083	19.046	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	993573	20.047	ng/ul	99
38) Hexachlorocyclopentadiene	12.41	237	577815	17.576	ng/ul	100
39) 2,4,6-Trichlorophenol	12.67	196	624476	19.338	ng/ul	99
40) 2,4,5-Trichlorophenol	12.75	196	665489	19.208	ng/ul	99
41) 1,1'-Biphenyl	13.08	154	2449458	20.128	ng/ul	99
42) 2-Chloronaphthalene	13.12	162	1897616	20.462	ng/ul	100
43) 2-Nitroaniline	13.32	65	526387	20.314	ng/ul	96
45) Dimethylphthalate	13.72	163	2318840	19.379	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	450491	19.004	ng/ul	92
48) Acenaphthylene	13.97	152	2874167	20.309	ng/ul	100
49) 3-Nitroaniline	14.16	138	397126	18.541	ng/ul	98
50) Acenaphthene	14.32	153	2016004	20.250	ng/ul	100
51) 2,4-Dinitrophenol	14.37	184	229039	16.028	ng/ul	95
53) 4-Nitrophenol	14.48	109	328716	19.998	ng/ul	94
54) Dibenzofuran	14.65	168	2905047	20.376	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	693264	20.174	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.89	232	591322	18.712	ng/ul	98
57) Diethylphthalate	15.09	149	2386785	19.773	ng/ul	99
59) Fluorene	15.30	166	2356794	20.275	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.30	204	1198178	19.501	ng/ul	99
61) 4-Nitroaniline	15.32	138	436093	18.240	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.39	198	383194	17.094	ng/ul#	96
65) N-Nitrosodiphenylamine	15.52	169	2008420	19.416	ng/ul	99
66) 4-Bromophenyl-phenylether	16.20	248	777751	18.577	ng/ul	98
67) Hexachlorobenzene	16.31	284	919684	19.194	ng/ul	98
68) Atrazine	16.48	200	675984	17.882	ng/ul	98
69) Pentachlorophenol	16.66	266	507825	17.844	ng/ul	99
70) Phenanthrene	17.04	178	3743402	20.427	ng/ul	99
72) Anthracene	17.13	178	3839275	20.678	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	963085	19.604	ng/uL	100
74) Pentachlorobenzene	14.57	250	1014950	19.280	ng/uL	100
75) Carbazole	17.40	167	3386134	21.633	ng/ul	100
76) Di-n-butylphthalate	17.99	149	3855068	19.622	ng/ul	100
77) Fluoranthene	19.06	202	4347609	22.745	ng/ul	97
80) Pyrene	19.43	202	4528681	18.550	ng/ul	98
81) Butylbenzylphthalate	20.35	149	1668995	16.698	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.12	252	1279567	15.475	ng/ul	98
83) Benzo(a)anthracene	21.19	228	4649078	20.107	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2464548	17.588	ng/ul	100
85) Chrysene	21.23	228	4385637	20.556	ng/ul	100
87) Di-n-octyl phthalate	22.00	149	4123245	17.184	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	5017195	19.148	ng/ul	100
89) Benzo(k)fluoranthene	22.78	252	4847203	19.701	ng/ul	99
91) Benzo(a)pyrene	23.29	252	4842574	20.415	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.57	276	6025055	23.458	ng/ul	99
93) Dibenzo(a,h)anthracene	25.59	278	5026554	23.210	ng/ul	99
94) Benzo(g,h,i)perylene	26.24	276	4977929	23.822	ng/ul	99

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

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