Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
Data File : BM024201.D
Acq On : 20 Dec 2019 13:40
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020130

Manual Integrations APPROVED
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12/23/2019 11:55:41 AM

Quant Time: Dec 21 00:33:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:03:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	275188	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	1260943	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	827875	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.86	188	1759328	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1708042	20.00	ng/ul	-0.01
86) Perylene-d12	23.20	264	1931842	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	54254	8.71	ng/uL	-0.01
5) Phenol-d5	6.63	99	495610	19.02	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.79	67	325990	20.86	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.97	132	376955	20.28	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	396720	18.63	ng/ul	-0.02
19) Nitrobenzene-d5	8.59	128	182636	20.16	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.30	143	208685	20.95	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.84	165	402167	20.77	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.36	131	499551	21.24	ng/ul	-0.02
44) Dimethylphthalate-d6	13.52	166	1267367	20.70	ng/ul	-0.02
47) Acenaphthylene-d8	13.79	160	1446097	19.71	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.34	143	191876	17.46	ng/ul	-0.01
58) Fluorene-d10	15.10	176	1065625	19.86	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.25	200	195671	18.23	ng/ul	-0.01
71) Anthracene-d10	16.96	188	1612897	20.15	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1707409	20.99	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.06	264	1959280	20.42	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	57876	8.388	ng/uL	92
4) Benzaldehyde	6.59	77	269017	15.970	ng/ul	98
6) Phenol	6.66	94	534473	19.864	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.88	93	432160	20.729	ng/ul	99
10) 2-Chlorophenol	7.00	128	409871	21.505	ng/ul	100
11) 2-Methylphenol	7.89	108	394918	19.741	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	534252	22.250	ng/ul	99
14) Acetophenone	8.26	105	668040	20.798	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.25	70	393990	22.203	ng/ul	99
16) 4-Methylphenol	8.22	108	448999	20.216	ng/ul	99
17) Hexachloroethane	8.49	117	174523	22.184	ng/ul	97
20) Nitrobenzene	8.63	77	527863	20.959	ng/ul	98
21) Isophorone	9.16	82	1019291	21.653	ng/ul	99
23) 2-Nitrophenol	9.33	139	238862	21.779	ng/ul	93
24) 2,4-Dimethylphenol	9.41	107	510443	21.575	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	624964	21.370	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	409266	21.591	ng/ul	99
28) Naphthalene	10.25	128	1366847	20.686	ng/ul	99
30) 4-Chloroaniline	10.38	127	532402	22.425	ng/ul	100
31) Hexachlorobutadiene	10.54	225	253714	21.652	ng/ul	99
32) Caprolactam	11.17	113	127312m	17.775	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	472045	20.753	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	1014768	21.485	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	980157	20.332	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	495497	22.141	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	192755	19.115	ng/ul	95
39) 2,4,6-Trichlorophenol	12.52	196	324416	21.919	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	330907	20.739	ng/ul	97
41) 1,1'-Biphenyl	12.92	154	1328809	21.503	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	1011007	20.823	ng/ul	99
43) 2-Nitroaniline	13.18	65	305215	21.441	ng/ul	96
45) Dimethylphthalate	13.57	163	1311374	20.611	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	256664	20.479	ng/ul	95
48) Acenaphthylene	13.82	152	1577642	20.257	ng/ul	99
49) 3-Nitroaniline	14.03	138	235113	19.766	ng/ul	98
50) Acenaphthene	14.16	153	1112663	20.779	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	120071	17.048	ng/ul	97
53) 4-Nitrophenol	14.36	109	162850	18.580	ng/ul	97
54) Dibenzofuran	14.50	168	1576882	21.182	ng/ul	99
55) 2,4-Dinitrotoluene	14.50	165	387833	20.491	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.74	232	309075	21.427	ng/ul	97
57) Diethylphthalate	14.95	149	1373236	21.229	ng/ul	99
59) Fluorene	15.16	166	1294404	20.590	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.16	204	629819	20.603	ng/ul	95
61) 4-Nitroaniline	15.20	138	225457	17.166	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.27	198	221523	19.325	ng/ul	98
65) N-Nitrosodiphenylamine	15.38	169	1118554	21.867	ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	411627	22.011	ng/ul	99
67) Hexachlorobenzene	16.17	284	473203	20.666	ng/ul	98
68) Atrazine	16.34	200	391662	20.598	ng/ul	99
69) Pentachlorophenol	16.52	266	232177	19.349	ng/ul	98
70) Phenanthrene	16.90	178	2011534	20.423	ng/ul	99
72) Anthracene	16.99	178	2061355	20.817	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	495665	22.448	ng/uL	99
74) Pentachlorobenzene	14.43	250	528903	21.750	ng/uL	98
75) Carbazole	17.27	167	1791687	21.063	ng/ul	100
76) Di-n-butylphthalate	17.84	149	2376117	23.291	ng/ul	100
77) Fluoranthene	18.93	202	2282606	21.263	ng/ul	99
80) Pyrene	19.29	202	2347975	21.057	ng/ul	100
81) Butylbenzylphthalate	20.22	149	1076836	24.513	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	749156	19.758	ng/ul	98
83) Benzo(a)anthracene	21.06	228	2312876	21.253	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1668295	25.484	ng/ul	99
85) Chrysene	21.10	228	2163539	20.283	ng/ul	100
87) Di-n-octyl phthalate	21.86	149	2734653	26.200	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2507005	21.689	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	2311281	20.379	ng/ul	99
91) Benzo(a)pyrene	23.11	252	2320949	22.196	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2781857	22.155	ng/ul	100
93) Dibenzo(a,h)anthracene	25.31	278	2336798	22.198	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	2306461	22.498	ng/ul	100

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

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