Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024733.D
Acq On : 06 Feb 2020 18:26
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
mohammad
2/10/2020 8:21:40 AM

Quant Time: Feb 06 21:03:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 06 16:50:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	246598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	951393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	662917	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1491906	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1512069	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1684085	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	40742	7.95	ng/uL	0.00
5) Phenol-d5	6.61	99	316275	19.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	182507	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	285888	19.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	268379	19.42	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	138640	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	163611	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	328008	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	292724	19.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	973813	19.46	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1156853	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	153945	18.93	ng/ul	0.00
58) Fluorene-d10	15.07	176	870700	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	181340	18.65	ng/ul	0.00
71) Anthracene-d10	16.92	188	1338687	19.66	ng/ul	0.00
79) Pyrene-d10	19.23	212	1524337	20.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1682646	19.89	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	43393	8.026	ng/uL	98
4) Benzaldehyde	6.57	77	220832	20.496	ng/ul	97
6) Phenol	6.64	94	333769	19.357	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.86	93	273620	19.652	ng/ul	98
10) 2-Chlorophenol	6.99	128	294929	19.710	ng/ul	98
11) 2-Methylphenol	7.87	108	255995	19.127	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.96	45	219587	20.054	ng/ul	96
14) Acetophenone	8.23	105	426625	19.585	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.22	70	208089	20.211	ng/ul	99
16) 4-Methylphenol	8.19	108	286585	19.832	ng/ul	99
17) Hexachloroethane	8.47	117	131908	19.550	ng/ul	98
20) Nitrobenzene	8.59	77	322291	19.731	ng/ul	98
21) Isophorone	9.12	82	596517	20.138	ng/ul	97
23) 2-Nitrophenol	9.30	139	176890	20.217	ng/ul	94
24) 2,4-Dimethylphenol	9.38	107	320494	19.607	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.61	93	373991	20.128	ng/ul	100
27) 2,4-Dichlorophenol	9.83	162	326396	20.154	ng/ul	98
28) Naphthalene	10.22	128	957472	19.697	ng/ul	99
30) 4-Chloroaniline	10.33	127	292758	19.122	ng/ul	99
31) Hexachlorobutadiene	10.52	225	259228	19.270	ng/ul	95
32) Caprolactam	11.10	113	83374m	19.639	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	298046	19.834	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	705583	19.705	ng/ul	99

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35) 1-Methylnaphthalene	12.07	142	706213	19.776	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	456803	19.486	ng/ul	97
38) Hexachlorocyclopentadiene	12.22	237	304213	18.402	ng/ul	97
39) 2,4,6-Trichlorophenol	12.48	196	286903	19.883	ng/ul	96
40) 2,4,5-Trichlorophenol	12.55	196	311827	20.676	ng/ul	98
41) 1,1'-Biphenyl	12.89	154	961744	19.652	ng/ul	99
42) 2-Chloronaphthalene	12.92	162	788672	19.738	ng/ul	99
43) 2-Nitroaniline	13.13	65	166888	19.808	ng/ul	96
45) Dimethylphthalate	13.54	163	1013833	19.422	ng/ul	99
46) 2,6-Dinitrotoluene	13.65	165	208745	19.776	ng/ul	99
48) Acenaphthylene	13.78	152	1191674	19.687	ng/ul	99
49) 3-Nitroaniline	13.97	138	150547	18.934	ng/ul	93
50) Acenaphthene	14.13	153	806973	19.741	ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	114629	17.825	ng/ul	96
53) 4-Nitrophenol	14.30	109	125941	18.965	ng/ul	98
54) Dibenzofuran	14.47	168	1177309	19.320	ng/ul	100
55) 2,4-Dinitrotoluene	14.44	165	298696	19.827	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.70	232	289864	19.669	ng/ul	99
57) Diethylphthalate	14.93	149	987555	19.120	ng/ul	98
59) Fluorene	15.12	166	975619	19.427	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	562640	19.458	ng/ul	97
61) 4-Nitroaniline	15.14	138	191045	19.402	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.22	198	195846	18.815	ng/ul	96
65) N-Nitrosodiphenylamine	15.34	169	827826	19.864	ng/ul	98
66) 4-Bromophenyl-phenylether	16.03	248	365274	19.539	ng/ul	97
67) Hexachlorobenzene	16.13	284	430101	19.467	ng/ul	99
68) Atrazine	16.32	200	334916	18.704	ng/ul	100
69) Pentachlorophenol	16.48	266	244982	18.531	ng/ul	98
70) Phenanthrene	16.86	178	1573297	19.341	ng/ul	100
72) Anthracene	16.95	178	1624898	19.696	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	494176	20.172	ng/uL	98
74) Pentachlorobenzene	14.39	250	513652	19.758	ng/uL	99
75) Carbazole	17.23	167	1313255	19.108	ng/ul	100
76) Di-n-butylphthalate	17.82	149	1672821	19.130	ng/ul	100
77) Fluoranthene	18.89	202	1957196	19.599	ng/ul	99
80) Pyrene	19.26	202	2018497	20.167	ng/ul	99
81) Butylbenzylphthalate	20.20	149	734781	19.627	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.96	252	667767	18.893	ng/ul	99
83) Benzo(a)anthracene	21.02	228	2011980	19.754	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.99	149	1135784	19.166	ng/ul	99
85) Chrysene	21.07	228	1969039	19.637	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1938311	19.260	ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	2090061	19.517	ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	2088979	20.267	ng/ul	100
91) Benzo(a)pyrene	23.05	252	1896856	19.757	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	2333145	19.520	ng/ul	98
93) Dibenzo(a,h)anthracene	25.21	278	1992052	19.561	ng/ul	100
94) Benzo(g,h,i)perylene	25.83	276	1934771	19.463	ng/ul	99

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

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