Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019107.D
Acq On : 12 Mar 2019 12:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/13/2019 10:44:54 AM

Quant Time: Mar 13 04:34:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	179120	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	856356	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	515227	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	1167963	20.00	ng		0.00
76) Chrysene-d12	21.27	240	1361441	20.00	ng		0.00
87) Perylene-d12	23.51	264	1480515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	890224	80.49	ng		0.00
7) Phenol-d6	6.84	99	1335692	82.56	ng		0.00
23) Nitrobenzene-d5	8.83	82	1459888	80.58	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	625243	82.19	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	3087367	77.94	ng		0.00
79) Terphenyl-d14	19.71	244	5291524	77.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	186485	37.901	ng		99
3) Pyridine	3.62	79	594644	44.422	ng		100
4) n-Nitrosodimethylamine	3.55	42	167990	40.367	ng		93
6) Aniline	7.01	93	863062	41.320	ng		100
8) 2-Chlorophenol	7.23	128	534976	40.250	ng		98
9) Benzaldehyde	6.83	77	421540	41.425	ng		99
10) Phenol	6.87	94	729577	41.845	ng		99
11) bis(2-Chloroethyl)ether	7.10	93	543558	40.856	ng		99
12) 1,3-Dichlorobenzene	7.55	146	558448	39.703	ng		98
13) 1,4-Dichlorobenzene	7.70	146	568036	39.612	ng		99
14) 1,2-Dichlorobenzene	8.01	146	558048	39.999	ng		99
15) Benzyl Alcohol	7.92	79	565022	42.199	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	548095	40.347	ng		99
17) 2-Methylphenol	8.11	107	472884	41.621	ng		98
18) Hexachloroethane	8.72	117	214856	40.322	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	553660	41.715	ng		99
20) 3+4-Methylphenols	8.44	107	663394	43.016	ng		98
22) Acetophenone	8.49	105	950318	40.155	ng	#	99
24) Nitrobenzene	8.87	77	768120	40.768	ng		98
25) Isophorone	9.39	82	1409153	40.764	ng		99
26) 2-Nitrophenol	9.58	139	321097	41.115	ng		96
27) 2,4-Dimethylphenol	9.63	122	471911	40.645	ng		100
28) bis(2-Chloroethoxy)methane	9.87	93	824833	40.297	ng		99
29) 2,4-Dichlorophenol	10.10	162	538522	41.879	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	568802	39.229	ng		100
31) Naphthalene	10.50	128	1787437	39.601	ng		99
32) Benzoic acid	9.80	122	393905m	40.059	ng		
33) 4-Chloroaniline	10.63	127	767563	41.484	ng		99
34) Hexachlorobutadiene	10.76	225	323431	38.870	ng		99
35) Caprolactam	11.45	113	198668m	43.372	ng		
36) 4-Chloro-3-methylphenol	11.75	107	658719	41.517	ng		99
37) 2-Methylnaphthalene	12.12	142	1299227	39.611	ng		99
38) 1-Methylnaphthalene	12.34	142	1285377	39.759	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	639537	39.240	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	285849	38.721 ng	99
43) 2,4,6-Trichlorophenol	12.74	196	428181	40.654 ng	98
44) 2,4,5-Trichlorophenol	12.82	196	463205	41.127 ng	99
46) 1,1'-Biphenyl	13.15	154	1752869	38.957 ng	100
47) 2-Chloronaphthalene	13.19	162	1331174	39.635 ng	100
48) 2-Nitroaniline	13.42	65	477532	42.395 ng	97
49) Acenaphthylene	14.04	152	2279782	40.145 ng	99
50) Dimethylphthalate	13.79	163	1748284	39.666 ng	99
51) 2,6-Dinitrotoluene	13.92	165	392815	41.228 ng	100
52) Acenaphthene	14.39	154	1284803	39.373 ng	98
53) 3-Nitroaniline	14.25	138	408230	40.454 ng	99
54) 2,4-Dinitrophenol	14.46	184	224314	40.539 ng	98
55) Dibenzofuran	14.72	168	2078531	39.497 ng	100
56) 4-Nitrophenol	14.56	139	339963	41.262 ng	99
57) 2,4-Dinitrotoluene	14.71	165	553090	39.991 ng	99
58) Fluorene	15.37	166	1719581	39.643 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	421836	40.232 ng	98
60) Diethylphthalate	15.15	149	1788024	40.055 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	830997	39.444 ng	99
62) 4-Nitroaniline	15.42	138	417335	41.037 ng	98
63) Azobenzene	15.66	77	1943702	41.380 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	303049	39.596 ng	99
66) n-Nitrosodiphenylamine	15.59	169	1479188	39.780 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	507284	39.386 ng	100
68) Hexachlorobenzene	16.37	284	604301	39.464 ng	99
69) Atrazine	16.55	200	511137	40.835 ng	98
70) Pentachlorophenol	16.72	266	375046	40.653 ng	99
71) Phenanthrene	17.12	178	2703222	39.487 ng	99
72) Anthracene	17.21	178	2675966	39.929 ng	99
73) Carbazole	17.49	167	2590509	40.954 ng	99
74) Di-n-butylphthalate	18.04	149	3158933	41.299 ng	100
75) Fluoranthene	19.14	202	3179260	40.472 ng	100
77) Benzidine	19.34	184	1974755	51.144 ng	100
78) Pyrene	19.50	202	3286387	38.152 ng	100
80) Butylbenzylphthalate	20.41	149	1518639	40.477 ng	100
81) Benzo(a)anthracene	21.26	228	3364592	39.393 ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1378155	41.885 ng	99
83) Chrysene	21.31	228	3267443	39.543 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2253376	41.283 ng	99
85) Di-n-octyl phthalate	22.06	149	3922276	42.674 ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	4488147	50.457 ng	100
88) Benzo(b)fluoranthene	22.84	252	3755598	39.148 ng	100
89) Benzo(k)fluoranthene	22.88	252	3325582	37.689 ng	100
90) Benzo(a)pyrene	23.41	252	3434421	39.837 ng	99
91) Dibenzo(a,h)anthracene	25.80	278	3775198	45.776 ng	99
92) Benzo(g,h,i)perylene	26.49	276	3544416	46.812 ng	99

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

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