Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
Data File : BM020131.D
Acq On : 06 May 2019 12:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 07 03:28:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	89328	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	363593	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	226690	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	544747	20.00	ng		0.00
76) Chrysene-d12	21.36	240	588237	20.00	ng		-0.01
87) Perylene-d12	23.64	264	670980	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	499262	91.36	ng		0.00
7) Phenol-d6	6.95	99	696798	93.33	ng		0.00
23) Nitrobenzene-d5	8.95	82	814451	88.44	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	317769	90.31	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	1601440	86.92	ng		-0.01
79) Terphenyl-d14	19.80	244	2848754	84.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	124792	46.560	ng		94
3) Pyridine	3.70	79	343131	50.057	ng		99
4) n-Nitrosodimethylamine	3.62	42	97773	44.481	ng	#	81
6) Aniline	7.12	93	438900	46.701	ng		99
8) 2-Chlorophenol	7.35	128	271434	45.616	ng		100
9) Benzaldehyde	6.93	77	240877	42.629	ng		97
10) Phenol	6.97	94	374483	46.594	ng		95
11) bis(2-Chloroethyl)ether	7.22	93	272981	46.731	ng		98
12) 1,3-Dichlorobenzene	7.67	146	312626	45.156	ng		97
13) 1,4-Dichlorobenzene	7.82	146	313361	44.805	ng		94
14) 1,2-Dichlorobenzene	8.13	146	300527	45.103	ng		99
15) Benzyl Alcohol	8.03	79	317749	44.138	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	211587	43.682	ng		98
17) 2-Methylphenol	8.22	107	240512	46.487	ng		97
18) Hexachloroethane	8.86	117	125585	43.065	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	286128	44.796	ng		95
20) 3+4-Methylphenols	8.55	107	319178	46.418	ng		98
22) Acetophenone	8.61	105	438137	44.091	ng	#	97
24) Nitrobenzene	8.99	77	416989	43.669	ng		98
25) Isophorone	9.51	82	702890	44.258	ng		100
26) 2-Nitrophenol	9.70	139	140644	48.788	ng		96
27) 2,4-Dimethylphenol	9.75	122	211667	44.103	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	385660	44.586	ng		99
29) 2,4-Dichlorophenol	10.22	162	275292	45.489	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	326450	43.839	ng		98
31) Naphthalene	10.63	128	832849	44.140	ng		99
32) Benzoic acid	9.86	122	142484	42.590	ng		98
33) 4-Chloroaniline	10.75	127	348120	44.827	ng		98
34) Hexachlorobutadiene	10.90	225	221842	42.113	ng		96
35) Caprolactam	11.53	113	90176	49.832	ng		93
36) 4-Chloro-3-methylphenol	11.86	107	322249	45.312	ng		96
37) 2-Methylnaphthalene	12.24	142	613342	44.589	ng		98
38) 1-Methylnaphthalene	12.46	142	598550	44.498	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	388324	43.784	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	199114	38.129 ng		99
43) 2,4,6-Trichlorophenol	12.85	196	235424	46.707 ng		97
44) 2,4,5-Trichlorophenol	12.92	196	256188	45.497 ng		96
46) 1,1'-Biphenyl	13.26	154	820400	43.969 ng		100
47) 2-Chloronaphthalene	13.30	162	657370	44.126 ng		100
48) 2-Nitroaniline	13.52	65	238634	44.993 ng		96
49) Acenaphthylene	14.15	152	1058715	44.406 ng		99
50) Dimethylphthalate	13.89	163	826097	42.877 ng		99
51) 2,6-Dinitrotoluene	14.02	165	178708	44.038 ng		94
52) Acenaphthene	14.49	154	603938	44.172 ng		99
53) 3-Nitroaniline	14.35	138	174256	46.267 ng		95
54) 2,4-Dinitrophenol	14.55	184	75504	41.684 ng		94
55) Dibenzofuran	14.83	168	1005658	43.607 ng		98
56) 4-Nitrophenol	14.65	139	152550	47.472 ng		92
57) 2,4-Dinitrotoluene	14.80	165	250125	45.361 ng		97
58) Fluorene	15.47	166	818430	43.211 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	242905	45.394 ng		98
60) Diethylphthalate	15.25	149	810796	41.770 ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	460244	42.887 ng		96
62) 4-Nitroaniline	15.51	138	191340	46.034 ng		98
63) Azobenzene	15.76	77	953032	41.618 ng		99
65) 4,6-Dinitro-2-methylphenol	15.56	198	112539	41.997 ng		95
66) n-Nitrosodiphenylamine	15.69	169	704199	43.932 ng		98
67) 4-Bromophenyl-phenylether	16.37	248	292039	43.718 ng		96
68) Hexachlorobenzene	16.47	284	336652	43.795 ng		97
69) Atrazine	16.64	200	264497	42.223 ng		99
70) Pentachlorophenol	16.82	266	203230	46.208 ng		99
71) Phenanthrene	17.22	178	1342723	44.653 ng		99
72) Anthracene	17.31	178	1324573	44.057 ng		99
73) Carbazole	17.58	167	1213572	44.735 ng		99
74) Di-n-butylphthalate	18.14	149	1329213	40.714 ng		98
75) Fluoranthene	19.23	202	1692919	44.496 ng		99
77) Benzidine	19.43	184	762243	40.531 ng		99
78) Pyrene	19.60	202	1742232	44.114 ng		99
80) Butylbenzylphthalate	20.50	149	614476	42.785 ng		99
81) Benzo(a)anthracene	21.34	228	1825469	44.251 ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	692959	44.012 ng		99
83) Chrysene	21.40	228	1746969	43.665 ng		99
84) Bis(2-ethylhexyl)phthalate	21.27	149	880183	39.495 ng		99
85) Di-n-octyl phthalate	22.16	149	1513527	40.861 ng		99
86) Indeno(1,2,3-cd)pyrene	25.97	276	2204357	46.321 ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1928647	43.528 ng		99
89) Benzo(k)fluoranthene	23.00	252	1712120	42.361 ng		98
90) Benzo(a)pyrene	23.54	252	1764927	43.853 ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1831820	43.767 ng		100
92) Benzo(g,h,i)perylene	26.69	276	1780552	44.809 ng		99

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

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