Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020211.D
Acq On : 09 May 2019 11:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 09 16:20:50 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	7.78	152	99568	20.00	ng		-0.01
21) Naphthalene-d8	10.57	136	382407	20.00	ng		-0.01
39) Acenaphthene-d10	14.43	164	239460	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	566200	20.00	ng		0.00
76) Chrysene-d12	21.36	240	591796	20.00	ng		-0.01
87) Perylene-d12	23.64	264	682724	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	554829	91.09	ng		0.00
7) Phenol-d6	6.95	99	733444	88.14	ng		0.00
23) Nitrobenzene-d5	8.95	82	834823	86.19	ng		-0.01
42) 2,4,6-Tribromophenol	15.92	330	357595	96.21	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1696663	87.18	ng		-0.02
79) Terphenyl-d14	19.80	244	3026706	89.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	133351	44.637	ng	#	90
3) Pyridine	3.70	79	364334	47.684	ng		95
4) n-Nitrosodimethylamine	3.62	42	96954	39.572	ng	#	68
6) Aniline	7.12	93	464014	44.296	ng		99
8) 2-Chlorophenol	7.35	128	297101	44.795	ng		97
9) Benzaldehyde	6.93	77	243215	38.616	ng		95
10) Phenol	6.97	94	387105	43.211	ng		92
11) bis(2-Chloroethyl)ether	7.21	93	301022	46.232	ng		97
12) 1,3-Dichlorobenzene	7.66	146	342426	44.374	ng		95
13) 1,4-Dichlorobenzene	7.82	146	346492	44.447	ng		98
14) 1,2-Dichlorobenzene	8.13	146	325518	43.829	ng		97
15) Benzyl Alcohol	8.02	79	327228	40.780	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.31	45	218123	40.400	ng		95
17) 2-Methylphenol	8.22	107	249747	43.307	ng		95
18) Hexachloroethane	8.85	117	139417	42.892	ng		95
19) n-Nitroso-di-n-propylamine	8.59	70	300506	42.209	ng		94
20) 3+4-Methylphenols	8.55	107	338497	44.165	ng		96
22) Acetophenone	8.61	105	449421	43.002	ng	#	95
24) Nitrobenzene	8.99	77	429171	42.734	ng		96
25) Isophorone	9.51	82	746688	44.703	ng		98
26) 2-Nitrophenol	9.69	139	167003	55.081	ng		96
27) 2,4-Dimethylphenol	9.75	122	222190	44.018	ng		100
28) bis(2-Chloroethoxy)methane	9.99	93	409978	45.066	ng		99
29) 2,4-Dichlorophenol	10.22	162	294601	46.285	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	349185	44.585	ng		96
31) Naphthalene	10.62	128	877949	44.241	ng		100
32) Benzoic acid	9.89	122	161462	45.376	ng		93
33) 4-Chloroaniline	10.74	127	358601	43.904	ng		97
34) Hexachlorobutadiene	10.89	225	242444	43.760	ng		99
35) Caprolactam	11.55	113	95653m	50.258	ng		
36) 4-Chloro-3-methylphenol	11.86	107	331465	44.314	ng		96
37) 2-Methylnaphthalene	12.24	142	646125	44.661	ng		96
38) 1-Methylnaphthalene	12.46	142	628215	44.406	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	419505	44.778	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	235023	42.605	ng		97
43) 2,4,6-Trichlorophenol	12.85	196	256122	48.103	ng		97
44) 2,4,5-Trichlorophenol	12.92	196	271312	45.613	ng		97
46) 1,1'-Biphenyl	13.26	154	867282	44.002	ng		99
47) 2-Chloronaphthalene	13.30	162	689226	43.797	ng		98
48) 2-Nitroaniline	13.52	65	245799	43.873	ng		89
49) Acenaphthylene	14.15	152	1106960	43.953	ng		99
50) Dimethylphthalate	13.89	163	890738	43.766	ng		99
51) 2,6-Dinitrotoluene	14.02	165	195954	45.713	ng		87
52) Acenaphthene	14.49	154	630049	43.625	ng		99
53) 3-Nitroaniline	14.35	138	176892	44.462	ng		97
54) 2,4-Dinitrophenol	14.55	184	108900	53.819	ng		92
55) Dibenzofuran	14.83	168	1053547	43.247	ng		96
56) 4-Nitrophenol	14.65	139	149425	44.020	ng		87
57) 2,4-Dinitrotoluene	14.80	165	274724	47.165	ng		94
58) Fluorene	15.47	166	859185	42.944	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	259698	45.944	ng		95
60) Diethylphthalate	15.24	149	881628	42.997	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	487395	42.995	ng		95
62) 4-Nitroaniline	15.51	138	193914	44.166	ng		93
63) Azobenzene	15.76	77	960894	39.723	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	160420	54.937	ng		95
66) n-Nitrosodiphenylamine	15.69	169	744795	44.704	ng		97
67) 4-Bromophenyl-phenylether	16.36	248	314938	45.360	ng		96
68) Hexachlorobenzene	16.47	284	359758	45.028	ng		97
69) Atrazine	16.64	200	294769	45.273	ng		98
70) Pentachlorophenol	16.82	266	215958	47.241	ng		100
71) Phenanthrene	17.22	178	1388331	44.420	ng		99
72) Anthracene	17.30	178	1385969	44.352	ng		99
73) Carbazole	17.58	167	1243384	44.097	ng		99
74) Di-n-butylphthalate	18.13	149	1543048	45.473	ng		97
75) Fluoranthene	19.23	202	1762160	44.561	ng		100
77) Benzidine	19.43	184	794660	42.001	ng		98
78) Pyrene	19.60	202	1799673	45.295	ng		100
80) Butylbenzylphthalate	20.49	149	716699	49.603	ng		97
81) Benzo(a)anthracene	21.34	228	1834496	44.202	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	735606	46.439	ng		98
83) Chrysene	21.40	228	1775264	44.105	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1049879	46.826	ng		99
85) Di-n-octyl phthalate	22.15	149	1791093	48.064	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	2253055	47.060	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	1865093	41.370	ng		99
89) Benzo(k)fluoranthene	23.00	252	1799249	43.751	ng		99
90) Benzo(a)pyrene	23.55	252	1765564	43.115	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1893982	44.474	ng		99
92) Benzo(g,h,i)perylene	26.70	276	1812433	44.827	ng		99

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

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