Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090217\
Data File : BM011408.D
Acq On : 02 Sep 2017 10:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Sep 04 02:58:21 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	449080	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	2066129	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1202185	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2725644	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3332620	20.00	ng		-0.01
86) Perylene-d12	23.90	264	3337678	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	2054218	77.00	ng		0.00
7) Phenol-d6	7.13	99	2986380	80.73	ng		0.00
23) Nitrobenzene-d5	9.15	82	2646878	84.42	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1087850	78.21	ng		-0.01
44) 2-Fluorobiphenyl	13.25	172	6646370	79.69	ng		0.00
78) Terphenyl-d14	19.96	244	10196208	75.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	418847	37.668	ng	#	100
3) Pyridine	3.83	79	1342216	39.417	ng	#	83
4) n-Nitrosodimethylamine	3.75	42	674240	38.778	ng	#	74
6) Aniline	7.31	93	1971507	39.240	ng		95
8) 2-Chlorophenol	7.55	128	1224193	38.923	ng		92
9) Benzaldehyde	7.12	77	807243	37.540	ng		99
10) Phenol	7.16	94	1616404	39.745	ng	#	73
11) bis(2-Chloroethyl)ether	7.40	93	1273267	39.171	ng		85
12) 1,3-Dichlorobenzene	7.87	146	1369018	38.225	ng		97
13) 1,4-Dichlorobenzene	8.02	146	1394686	38.291	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1362591	38.651	ng		98
15) Benzyl Alcohol	8.22	79	1004150	37.543	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.52	45	2095179	38.545	ng		93
17) 2-Methylphenol	8.42	107	1031000	39.591	ng		96
18) Hexachloroethane	9.07	117	474789	38.078	ng		92
19) n-Nitroso-di-n-propylamine	8.79	70	1072189	39.473	ng	#	88
20) 3+4-Methylphenols	8.75	107	1428726	39.543	ng		98
22) Acetophenone	8.81	105	1972790	38.426	ng	#	93
24) Nitrobenzene	9.19	77	1415433	40.970	ng		93
25) Isophorone	9.72	82	2641009	37.593	ng		94
26) 2-Nitrophenol	9.90	139	574415	39.520	ng	#	85
27) 2,4-Dimethylphenol	9.95	122	1232961	37.640	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	1850011	38.590	ng		100
29) 2,4-Dichlorophenol	10.43	162	1209275	39.458	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	1282269	37.796	ng		99
31) Naphthalene	10.85	128	4305433	38.596	ng		99
32) Benzoic acid	10.08	122	828105	38.711	ng		99
33) 4-Chloroaniline	10.95	127	1865689	38.231	ng	#	91
34) Hexachlorobutadiene	11.13	225	722239	37.362	ng		98
35) Caprolactam	11.73	113	421679	38.205	ng	#	67
36) 4-Chloro-3-methylphenol	12.06	107	1409848	39.167	ng		91
37) 2-Methylnaphthalene	12.45	142	3010983	38.780	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1403721	38.801	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	622177	37.515	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	937913	39.165	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	967669	39.787	ng	#	89
45) 1,1'-Biphenyl	13.45	154	4130175	38.699	ng		97
46) 2-Chloronaphthalene	13.50	162	3038507	38.325	ng		95
47) 2-Nitroaniline	13.70	65	1000623	40.709	ng		84
48) Acenaphthylene	14.34	152	4738426	38.358	ng		100
49) Dimethylphthalate	14.07	163	3622931	37.926	ng		99
50) 2,6-Dinitrotoluene	14.19	165	729859	40.352	ng	#	91
51) Acenaphthene	14.68	154	3147492	39.238	ng		100
52) 3-Nitroaniline	14.52	138	961039	40.906	ng		84
53) 2,4-Dinitrophenol	14.72	184	294000	47.033	ng		88
54) Dibenzofuran	15.02	168	4272137	38.624	ng		96
55) 4-Nitrophenol	14.81	139	766894	41.944	ng	#	46
56) 2,4-Dinitrotoluene	14.97	165	978762	39.350	ng	#	83
57) Fluorene	15.66	166	3823912	39.654	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.23	232	786604	39.968	ng	#	100
59) Diethylphthalate	15.43	149	3724162	37.839	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1760289	39.135	ng		94
61) 4-Nitroaniline	15.68	138	1038945	42.541	ng		86
62) Azobenzene	15.94	77	3463335	39.045	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	467168	45.014	ng		86
65) n-Nitrosodiphenylamine	15.87	169	3281845	38.211	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1076061	37.532	ng	#	89
67) Hexachlorobenzene	16.66	284	1234460	36.690	ng	#	91
68) Atrazine	16.81	200	921488	36.608	ng		98
69) Pentachlorophenol	17.00	266	748529	40.525	ng		99
70) Phenanthrene	17.40	178	5953880	39.224	ng		98
71) Anthracene	17.49	178	6012309	39.390	ng		98
72) Carbazole	17.76	167	5845199	39.738	ng		99
73) Di-n-butylphthalate	18.31	149	6784181	39.698	ng		99
74) Fluoranthene	19.40	202	7039530	40.644	ng		94
76) Benzidine	19.58	184	2502610	38.048	ng		99
77) Pyrene	19.77	202	7544871	36.945	ng		98
79) Butylbenzylphthalate	20.65	149	3229606	35.798	ng		90
80) Benzo(a)anthracene	21.50	228	7216215	38.715	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2949970	41.687	ng		100
82) Chrysene	21.56	228	6797208	38.690	ng		98
83) Bis(2-ethylhexyl)phthalate	21.42	149	5009100	37.872	ng		100
84) Di-n-octyl phthalate	22.34	149	8964470	40.206	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.35	276	8009306	48.873	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7845388	38.286	ng		99
88) Benzo(k)fluoranthene	23.23	252	7207422	36.685	ng		97
89) Benzo(a)pyrene	23.80	252	7228542	39.111	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	7029556	44.442	ng		99
91) Benzo(g,h,i)perylene	27.11	276	6638656	43.428	ng		98

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

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