Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011346.D
Acq On : 25 Aug 2017 16:33
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 25 23:27:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	91014	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	367378	20.00	ng		-0.03
38) Acenaphthene-d10	13.93	164	301334	20.00	ng		-0.02
63) Phenanthrene-d10	16.69	188	872529	20.00	ng		-0.02
75) Chrysene-d12	20.92	240	1203490	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1119618	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	437847	81.32	ng		-0.02
7) Phenol-d6	6.47	99	685783	89.65	ng		-0.02
23) Nitrobenzene-d5	8.41	82	1084716	110.82	ng		-0.03
41) 2,4,6-Tribromophenol	15.44	330	418113	86.57	ng		-0.03
44) 2-Fluorobiphenyl	12.54	172	1876255	78.09	ng		-0.02
78) Terphenyl-d14	19.36	244	4857592	79.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	122145	50.528	ng	#	100
3) Pyridine	3.28	79	339453	51.409	ng	#	88
4) n-Nitrosodimethylamine	3.20	42	207189	61.573	ng	#	65
6) Aniline	6.61	93	444805	46.135	ng	#	76
8) 2-Chlorophenol	6.84	128	215970	39.510	ng	#	55
9) Benzaldehyde	6.43	77	238915	48.270	ng	#	62
10) Phenol	6.50	94	379244	45.643	ng		82
11) bis(2-Chloroethyl)ether	6.72	93	282975	43.709	ng	#	82
12) 1,3-Dichlorobenzene	7.15	146	251888	37.811	ng	#	63
13) 1,4-Dichlorobenzene	7.30	146	271870	39.814	ng	#	88
14) 1,2-Dichlorobenzene	7.60	146	258597	39.609	ng	#	84
15) Benzyl Alcohol	7.52	79	372088	50.704	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.79	45	312305	53.608	ng		84
17) 2-Methylphenol	7.72	107	232644	43.810	ng	#	58
18) Hexachloroethane	8.32	117	136683	45.899	ng	#	83
19) n-Nitroso-di-n-propylamine	8.07	70	372653	57.326	ng	#	92
20) 3+4-Methylphenols	8.05	107	317259	42.979	ng	#	75
22) Acetophenone	8.08	105	481961	43.765	ng	#	79
24) Nitrobenzene	8.45	77	565043	55.706	ng	#	74
25) Isophorone	8.97	82	851181	52.154	ng	#	83
26) 2-Nitrophenol	9.15	139	132931	41.188	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	234319	41.242	ng	#	60
28) bis(2-Chloroethoxy)methane	9.47	93	424142	46.595	ng	#	95
29) 2,4-Dichlorophenol	9.68	162	273687	42.868	ng		92
30) 1,2,4-Trichlorobenzene	9.89	180	358761	45.448	ng		100
31) Naphthalene	10.07	128	761524	41.205	ng		99
32) Benzoic acid	9.38	122	169664	37.152	ng	#	39
33) 4-Chloroaniline	10.20	127	301016	40.828	ng	#	56
34) Hexachlorobutadiene	10.36	225	303949	48.887	ng		95
35) Caprolactam	10.99	113	72834	40.228	ng	#	68
36) 4-Chloro-3-methylphenol	11.34	107	393809	47.771	ng	#	66
37) 2-Methylnaphthalene	11.69	142	596610	43.943	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	546623	42.222	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	262485	34.795	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	319422	40.764	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	319182	39.549	ng	#	82
45) 1,1'-Biphenyl	12.75	154	987650	37.905	ng		94
46) 2-Chloronaphthalene	12.79	162	745857	38.852	ng	#	93
47) 2-Nitroaniline	13.01	65	375833	55.338	ng	#	55
48) Acenaphthylene	13.65	152	1155141	40.319	ng		99
49) Dimethylphthalate	13.42	163	1016733	39.442	ng		99
50) 2,6-Dinitrotoluene	13.53	165	209787	40.245	ng	#	21
51) Acenaphthene	14.00	154	734601	41.410	ng		99
52) 3-Nitroaniline	13.86	138	179443	39.669	ng	#	14
53) 2,4-Dinitrophenol	14.07	184	149680	40.403	ng	#	54
54) Dibenzofuran	14.34	168	1202963	41.851	ng	#	90
55) 4-Nitrophenol	14.19	139	115129	28.969	ng	#	61
56) 2,4-Dinitrotoluene	14.33	165	323234	44.170	ng	#	58
57) Fluorene	14.99	166	1093536	43.696	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.57	232	334669	44.241	ng	#	100
59) Diethylphthalate	14.80	149	1111113	42.206	ng		97
60) 4-Chlorophenyl-phenylether	15.00	204	656981	43.480	ng		99
61) 4-Nitroaniline	15.04	138	146171	30.422	ng	#	1
62) Azobenzene	15.29	77	1643708	58.338	ng		81
64) 4,6-Dinitro-2-methylphenol	15.09	198	249475	42.235	ng		89
65) n-Nitrosodiphenylamine	15.22	169	985210	39.455	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	453432	40.425	ng	#	88
67) Hexachlorobenzene	16.00	284	483319	38.132	ng	#	80
68) Atrazine	16.20	200	398153	39.789	ng		97
69) Pentachlorophenol	16.35	266	320582	39.839	ng		99
70) Phenanthrene	16.73	178	1927029	42.179	ng		99
71) Anthracene	16.83	178	1943644	42.657	ng		99
72) Carbazole	17.11	167	1732679	43.482	ng		100
73) Di-n-butylphthalate	17.70	149	2087589	43.020	ng	#	95
74) Fluoranthene	18.77	202	2661055	47.000	ng		97
76) Benzidine	18.99	184	727332	25.263	ng		98
77) Pyrene	19.14	202	2804284	39.215	ng		99
79) Butylbenzylphthalate	20.09	149	1010624	39.743	ng	#	56
80) Benzo(a)anthracene	20.91	228	2918543	42.471	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	1095736	40.646	ng	#	98
82) Chrysene	20.96	228	2802432	42.485	ng		99
83) Bis(2-ethylhexyl)phthalate	20.87	149	1505477	40.244	ng	#	98
84) Di-n-octyl phthalate	21.72	149	2543268	41.889	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.00	276	2893917	42.361	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2859488	39.793	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	2840893	41.248	ng	#	95
89) Benzo(a)pyrene	22.90	252	2704483	41.593	ng	#	95
90) Dibenzo(a,h)anthracene	25.01	278	2362544	39.194	ng	#	92
91) Benzo(g,h,i)perylene	25.60	276	2361244	39.893	ng	#	83

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

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