Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
Data File : BM014209.D
Acq On : 09 Feb 2018 09:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Feb 10 02:28:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	86232	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	428189	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	297006	20.00	ng		0.00
63) Phenanthrene-d10	16.95	188	774509	20.00	ng		0.00
75) Chrysene-d12	21.16	240	811929	20.00	ng		0.00
86) Perylene-d12	23.33	264	660750	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	399347	80.72	ng		0.00
7) Phenol-d6	6.73	99	598029	85.35	ng		0.00
23) Nitrobenzene-d5	8.70	82	779802	81.35	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	371691	88.19	ng		0.00
44) 2-Fluorobiphenyl	12.80	172	1979177	83.18	ng		0.00
78) Terphenyl-d14	19.60	244	3421073	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	75624	37.198	ng	#	100
3) Pyridine	3.52	79	228640	40.613	ng	#	87
4) n-Nitrosodimethylamine	3.45	42	144711	40.352	ng	#	46
6) Aniline	6.89	93	366927	41.077	ng		94
8) 2-Chlorophenol	7.11	128	229693	40.848	ng		92
9) Benzaldehyde	6.70	77	207394	41.128	ng		88
10) Phenol	6.76	94	289286	41.821	ng		95
11) bis(2-Chloroethyl)ether	6.98	93	225408	41.224	ng		93
12) 1,3-Dichlorobenzene	7.43	146	290846	41.381	ng	#	87
13) 1,4-Dichlorobenzene	7.57	146	284417	40.280	ng		94
14) 1,2-Dichlorobenzene	7.88	146	294338	41.422	ng		93
15) Benzyl Alcohol	7.79	79	274612	42.297	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.06	45	231268	41.582	ng		83
17) 2-Methylphenol	7.99	107	222718	42.069	ng	#	83
18) Hexachloroethane	8.59	117	124444	40.774	ng		89
19) n-Nitroso-di-n-propylamine	8.35	70	260377	43.136	ng		92
20) 3+4-Methylphenols	8.32	107	320442	41.794	ng		87
22) Acetophenone	8.36	105	491120	39.889	ng	#	91
24) Nitrobenzene	8.74	77	386049	39.113	ng		98
25) Isophorone	9.26	82	625195	39.368	ng	#	93
26) 2-Nitrophenol	9.45	139	150982	40.551	ng	#	47
27) 2,4-Dimethylphenol	9.51	122	229105	40.372	ng	#	82
28) bis(2-Chloroethoxy)methane	9.75	93	331598	40.716	ng		99
29) 2,4-Dichlorophenol	9.97	162	269425	42.489	ng		99
30) 1,2,4-Trichlorobenzene	10.18	180	331437	39.649	ng		99
31) Naphthalene	10.36	128	958244	40.871	ng		98
32) Benzoic acid	9.70	122	179956	38.284	ng	#	79
33) 4-Chloroaniline	10.49	127	395615	40.594	ng	#	85
34) Hexachlorobutadiene	10.63	225	224033	39.070	ng		96
35) Caprolactam	11.30	113	90508	39.913	ng		90
36) 4-Chloro-3-methylphenol	11.63	107	332023	42.262	ng		84
37) 2-Methylnaphthalene	11.99	142	738119	41.803	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	427400	41.069	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	198868	36.263	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	259241	42.404	ng		97
43) 2,4,5-Trichlorophenol	12.69	196	294084	43.569	ng	#	81
45) 1,1'-Biphenyl	13.02	154	1092474	42.463	ng		98
46) 2-Chloronaphthalene	13.06	162	809963	41.473	ng	#	92
47) 2-Nitroaniline	13.29	65	296049	41.194	ng	#	77
48) Acenaphthylene	13.92	152	1355444	42.326	ng		98
49) Dimethylphthalate	13.67	163	1115936	41.970	ng		99
50) 2,6-Dinitrotoluene	13.80	165	230301	42.211	ng	#	67
51) Acenaphthene	14.26	154	818810	41.480	ng		99
52) 3-Nitroaniline	14.13	138	240292	42.578	ng	#	74
53) 2,4-Dinitrophenol	14.35	184	97879	36.165	ng	#	80
54) Dibenzofuran	14.60	168	1308013	42.406	ng	#	90
55) 4-Nitrophenol	14.46	139	155776	38.105	ng	#	79
56) 2,4-Dinitrotoluene	14.60	165	353606	41.996	ng	#	87
57) Fluorene	15.25	166	1136543	41.883	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.83	232	276742	41.616	ng	#	100
59) Diethylphthalate	15.04	149	1244220	42.157	ng		96
60) 4-Chlorophenyl-phenylether	15.25	204	590088	41.833	ng		93
61) 4-Nitroaniline	15.30	138	235017	41.618	ng	#	16
62) Azobenzene	15.54	77	1278912	41.723	ng		84
64) 4,6-Dinitro-2-methylphenol	15.36	198	193836	37.869	ng		90
65) n-Nitrosodiphenylamine	15.47	169	998146	40.823	ng		99
66) 4-Bromophenyl-phenylether	16.15	248	362483	39.931	ng	#	87
67) Hexachlorobenzene	16.26	284	397306	39.864	ng	#	71
68) Atrazine	16.44	200	382763	41.737	ng		99
69) Pentachlorophenol	16.61	266	242192	38.785	ng		96
70) Phenanthrene	17.00	178	1879019	40.217	ng		98
71) Anthracene	17.09	178	1882537	41.352	ng		98
72) Carbazole	17.37	167	1716291	40.107	ng		99
73) Di-n-butylphthalate	17.93	149	2258195	41.235	ng	#	98
74) Fluoranthene	19.02	202	2240150	40.727	ng		99
76) Benzidine	19.22	184	965037	39.910	ng		99
77) Pyrene	19.39	202	2345374	41.580	ng		99
79) Butylbenzylphthalate	20.30	149	1033066	40.668	ng	#	82
80) Benzo(a)anthracene	21.14	228	2204963	41.794	ng		97
81) 3,3'-Dichlorobenzidine	21.09	252	810443	41.101	ng	#	96
82) Chrysene	21.20	228	2062990	40.310	ng		99
83) Bis(2-ethylhexyl)phthalate	21.08	149	1550036	41.833	ng		98
84) Di-n-octyl phthalate	21.94	149	2248358	43.831	ng		97
85) Indeno(1,2,3-cd)pyrene	25.50	276	1558807	38.742	ng		98
87) Benzo(b)fluoranthene	22.69	252	1914431	41.756	ng	#	94
88) Benzo(k)fluoranthene	22.73	252	1821736	41.797	ng	#	96
89) Benzo(a)pyrene	23.24	252	1648787	40.808	ng		98
90) Dibenzo(a,h)anthracene	25.51	278	1321985	40.038	ng	#	95
91) Benzo(g,h,i)perylene	26.16	276	1226602	39.733	ng	#	89

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

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