Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021918\
Data File : BN000112.D
Acq On : 19 Feb 2018 16:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Feb 20 03:09:40 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	460880	20.00	ng		-0.01
21) Naphthalene-d8	11.30	136	2365719	20.00	ng		-0.01
38) Acenaphthene-d10	15.07	164	1373546	20.00	ng		-0.01
63) Phenanthrene-d10	17.79	188	2866638	20.00	ng		-0.01
75) Chrysene-d12	21.90	240	2961721	20.00	ng		-0.02
86) Perylene-d12	24.38	264	3187285	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2385270	84.35	ng		-0.01
7) Phenol-d6	7.58	99	3650490	85.22	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3496320	87.87	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1044657	76.84	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7572334	77.70	ng		-0.02
78) Terphenyl-d14	20.34	244	8646755	78.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	471452	41.431	ng		95
3) Pyridine	4.09	79	1538737	43.442	ng		99
4) n-Nitrosodimethylamine	4.00	42	428865	42.814	ng	#	89
6) Aniline	7.76	93	2507358	42.487	ng		91
8) 2-Chlorophenol	8.01	128	1369247	41.405	ng		88
9) Benzaldehyde	7.57	77	999230	37.497	ng		90
10) Phenol	7.61	94	1919811	42.457	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	1552917	41.757	ng	#	83
12) 1,3-Dichlorobenzene	8.35	146	1493165	39.737	ng		99
13) 1,4-Dichlorobenzene	8.49	146	1521143	39.641	ng		98
14) 1,2-Dichlorobenzene	8.82	146	1500600	39.726	ng		96
15) Benzyl Alcohol	8.69	79	1360484	44.188	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1693725	43.028	ng		79
17) 2-Methylphenol	8.89	107	1376241	42.830	ng		95
18) Hexachloroethane	9.56	117	561334	42.022	ng	#	81
19) n-Nitroso-di-n-propylamine	9.26	70	1265048	44.073	ng	#	83
20) 3+4-Methylphenols	9.22	107	1938241	43.129	ng		93
22) Acetophenone	9.29	105	2659942	40.124	ng	#	88
24) Nitrobenzene	9.68	77	1870850	43.009	ng	#	93
25) Isophorone	10.20	82	3504936	42.613	ng		98
26) 2-Nitrophenol	10.40	139	692014	40.197	ng		91
27) 2,4-Dimethylphenol	10.43	122	1419508	39.809	ng		96
28) bis(2-Chloroethoxy)methane	10.68	93	2157420	40.898	ng		97
29) 2,4-Dichlorophenol	10.93	162	1302139	39.459	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	1456976	38.339	ng		98
31) Naphthalene	11.35	128	5035753	38.827	ng		98
32) Benzoic acid	10.56	122	955153	38.695	ng		91
33) 4-Chloroaniline	11.45	127	2293028	40.246	ng		96
34) Hexachlorobutadiene	11.62	225	753684	38.246	ng		98
35) Caprolactam	12.20	113	554672	39.253	ng		97
36) 4-Chloro-3-methylphenol	12.53	107	1702266	40.630	ng		99
37) 2-Methylnaphthalene	12.93	142	3531742	39.137	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	1568222	38.681	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	713702	42.230	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	985465	40.556	ng		97
43) 2,4,5-Trichlorophenol	13.58	196	1170360	40.066	ng	#	92
45) 1,1'-Biphenyl	13.91	154	4739017	39.175	ng		98
46) 2-Chloronaphthalene	13.96	162	3566305	39.290	ng		96
47) 2-Nitroaniline	14.15	65	1105649	42.188	ng		89
48) Acenaphthylene	14.80	152	5869345	40.136	ng		98
49) Dimethylphthalate	14.51	163	4515705	39.328	ng		100
50) 2,6-Dinitrotoluene	14.63	165	950401	40.096	ng		92
51) Acenaphthene	15.13	154	3756614	39.463	ng		98
52) 3-Nitroaniline	14.96	138	1168613	40.558	ng	#	93
53) 2,4-Dinitrophenol	15.16	184	300988	40.900	ng	#	1
54) Dibenzofuran	15.46	168	5191135	38.506	ng		96
55) 4-Nitrophenol	15.23	139	863061	39.255	ng	#	85
56) 2,4-Dinitrotoluene	15.40	165	1294100	38.996	ng		96
57) Fluorene	16.10	166	4258516	38.686	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.67	232	916522	39.756	ng	#	83
59) Diethylphthalate	15.85	149	4665981	39.989	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	1912239	38.119	ng		90
61) 4-Nitroaniline	16.11	138	1223219	41.318	ng		91
62) Azobenzene	16.37	77	4912325	42.292	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	530565	40.706	ng		89
65) n-Nitrosodiphenylamine	16.30	169	3765039	40.364	ng		98
66) 4-Bromophenyl-phenylether	16.97	248	1056540	38.757	ng	#	86
67) Hexachlorobenzene	17.09	284	1218587	38.278	ng	#	87
68) Atrazine	17.22	200	1185667	39.056	ng		94
69) Pentachlorophenol	17.43	266	774931	38.607	ng		99
70) Phenanthrene	17.83	178	6570983	38.806	ng		99
71) Anthracene	17.92	178	6594408	40.220	ng		99
72) Carbazole	18.18	167	6600635	39.961	ng		97
73) Di-n-butylphthalate	18.71	149	7655462	41.983	ng	#	98
74) Fluoranthene	19.80	202	7061516	39.751	ng		92
76) Benzidine	19.97	184	3293610	34.886	ng	#	94
77) Pyrene	20.16	202	7504945	39.870	ng		97
79) Butylbenzylphthalate	21.02	149	3542533	40.604	ng	#	93
80) Benzo(a)anthracene	21.89	228	7127613	39.154	ng		99
81) 3,3'-Dichlorobenzidine	21.80	252	2604036	38.946	ng	#	97
82) Chrysene	21.94	228	6920141	38.146	ng		98
83) Bis(2-ethylhexyl)phthalate	21.78	149	5447820	41.527	ng	#	95
84) Di-n-octyl phthalate	22.73	149	8480499	39.365	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.94	276	8673068	38.919	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	7193453	38.558	ng	#	96
88) Benzo(k)fluoranthene	23.68	252	7372419	39.236	ng	#	94
89) Benzo(a)pyrene	24.27	252	7063678	39.482	ng	#	95
90) Dibenzo(a,h)anthracene	26.96	278	7202385	38.496	ng	#	89
91) Benzo(g,h,i)perylene	27.73	276	7196374	38.038	ng	#	87

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

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