Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000100.D
Acq On : 15 Feb 2018 16:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Feb 16 06:30:00 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	373265	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1869513	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1120187	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	2414057	20.00	ng		0.00
75) Chrysene-d12	21.91	240	2682093	20.00	ng		-0.01
86) Perylene-d12	24.39	264	2945757	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	1848322	80.70	ng		-0.01
7) Phenol-d6	7.58	99	2831376	81.61	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2597281	82.60	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	900200	81.19	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	6255025	78.70	ng		-0.01
78) Terphenyl-d14	20.35	244	7834056	78.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	357678	38.811	ng		94
3) Pyridine	4.10	79	1160445	40.452	ng		98
4) n-Nitrosodimethylamine	4.00	42	316031	38.955	ng	#	91
6) Aniline	7.77	93	1924417	40.264	ng		90
8) 2-Chlorophenol	8.02	128	1076928	40.209	ng		85
9) Benzaldehyde	7.58	77	776745	35.989	ng		88
10) Phenol	7.61	94	1473835	40.245	ng		85
11) bis(2-Chloroethyl)ether	7.86	93	1185396	39.356	ng	#	82
12) 1,3-Dichlorobenzene	8.35	146	1188109	39.040	ng		98
13) 1,4-Dichlorobenzene	8.50	146	1207773	38.863	ng		96
14) 1,2-Dichlorobenzene	8.82	146	1204720	39.379	ng		97
15) Benzyl Alcohol	8.69	79	1007619	40.409	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1231896	38.641	ng		79
17) 2-Methylphenol	8.89	107	1062389	40.823	ng		95
18) Hexachloroethane	9.57	117	429058	39.659	ng	#	82
19) n-Nitroso-di-n-propylamine	9.27	70	932033	40.093	ng	#	82
20) 3+4-Methylphenols	9.22	107	1499845	41.207	ng		93
22) Acetophenone	9.29	105	2076272	39.633	ng	#	86
24) Nitrobenzene	9.68	77	1403892	40.840	ng	#	93
25) Isophorone	10.20	82	2607070	40.109	ng		96
26) 2-Nitrophenol	10.40	139	512512	38.123	ng		91
27) 2,4-Dimethylphenol	10.44	122	1115018	39.569	ng		96
28) bis(2-Chloroethoxy)methane	10.69	93	1651881	39.626	ng		97
29) 2,4-Dichlorophenol	10.93	162	1045617	40.095	ng		95
30) 1,2,4-Trichlorobenzene	11.16	180	1175825	39.153	ng		96
31) Naphthalene	11.35	128	4020684	39.229	ng		99
32) Benzoic acid	10.55	122	717487	37.302	ng		88
33) 4-Chloroaniline	11.45	127	1816509	40.345	ng		94
34) Hexachlorobutadiene	11.63	225	600781	38.579	ng		94
35) Caprolactam	12.20	113	434926	38.979	ng		91
36) 4-Chloro-3-methylphenol	12.53	107	1326959	40.079	ng		96
37) 2-Methylnaphthalene	12.93	142	2820586	39.552	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1293610	39.124	ng	#	97
40) Hexachlorocyclopentadiene	13.26	237	560331	40.654	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	783438	39.534	ng		100
43) 2,4,5-Trichlorophenol	13.58	196	940382	39.474	ng	#	94
45) 1,1'-Biphenyl	13.92	154	3862148	39.147	ng		99
46) 2-Chloronaphthalene	13.96	162	2897417	39.140	ng		97
47) 2-Nitroaniline	14.15	65	811050	38.437	ng	#	80
48) Acenaphthylene	14.80	152	4817974	40.398	ng		98
49) Dimethylphthalate	14.51	163	3728185	39.813	ng		100
50) 2,6-Dinitrotoluene	14.63	165	779894	40.344	ng		92
51) Acenaphthene	15.13	154	3068553	39.526	ng		98
52) 3-Nitroaniline	14.96	138	952615	40.540	ng	#	88
53) 2,4-Dinitrophenol	15.16	184	233297	39.329	ng	#	20
54) Dibenzofuran	15.46	168	4289891	39.018	ng		95
55) 4-Nitrophenol	15.24	139	709125	39.511	ng	#	82
56) 2,4-Dinitrotoluene	15.41	165	1056417	39.030	ng	#	89
57) Fluorene	16.10	166	3543570	39.472	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	746719m	39.716	ng		
59) Diethylphthalate	15.86	149	3871948	40.689	ng		97
60) 4-Chlorophenyl-phenylether	16.09	204	1604630	39.222	ng		92
61) 4-Nitroaniline	16.11	138	998028	41.336	ng		89
62) Azobenzene	16.38	77	3834732	40.482	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	422312	38.952	ng		88
65) n-Nitrosodiphenylamine	16.30	169	3157512	40.197	ng		96
66) 4-Bromophenyl-phenylether	16.98	248	908066	39.556	ng	#	89
67) Hexachlorobenzene	17.10	284	1043080	38.908	ng	#	89
68) Atrazine	17.23	200	995204	38.928	ng		95
69) Pentachlorophenol	17.43	266	651202	38.537	ng		99
70) Phenanthrene	17.83	178	5628835	39.474	ng		100
71) Anthracene	17.92	178	5623067	40.726	ng		99
72) Carbazole	18.18	167	5671842	40.776	ng		97
73) Di-n-butylphthalate	18.72	149	6418767	41.801	ng		99
74) Fluoranthene	19.81	202	6139970	41.043	ng		94
76) Benzidine	19.97	184	3165832	37.028	ng		95
77) Pyrene	20.17	202	6666397	39.107	ng		99
79) Butylbenzylphthalate	21.02	149	2942883	37.692	ng		97
80) Benzo(a)anthracene	21.89	228	6430686	39.008	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	2366590	39.085	ng	#	98
82) Chrysene	21.94	228	6334505	38.558	ng		98
83) Bis(2-ethylhexyl)phthalate	21.78	149	4606536	38.967	ng	#	93
84) Di-n-octyl phthalate	22.74	149	7237122	37.199	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.96	276	8224820	40.756	ng	#	87
87) Benzo(b)fluoranthene	23.63	252	6561257	38.053	ng	#	96
88) Benzo(k)fluoranthene	23.69	252	6801366	39.165	ng	#	95
89) Benzo(a)pyrene	24.28	252	6508744	39.363	ng	#	94
90) Dibenzo(a,h)anthracene	26.97	278	6881344	39.796	ng	#	91
91) Benzo(g,h,i)perylene	27.74	276	6847671	39.163	ng	#	87

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

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