Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN021518\
Data File : BN000110.D
Acq On : 15 Feb 2018 22:44
Operator : JU/SJ
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 16 07:00:42 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	434736	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	2200958	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	1315443	20.00	ng		0.00
63) Phenanthrene-d10	17.79	188	2808571	20.00	ng		0.00
75) Chrysene-d12	21.91	240	3055214	20.00	ng		-0.01
86) Perylene-d12	24.39	264	3313239	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2151485	80.66	ng		-0.01
7) Phenol-d6	7.58	99	3325742	82.31	ng		-0.01
23) Nitrobenzene-d5	9.64	82	3065045	82.80	ng		-0.01
41) 2,4,6-Tribromophenol	16.54	330	1075869	82.63	ng		-0.01
44) 2-Fluorobiphenyl	13.70	172	7245925	77.64	ng		-0.01
78) Terphenyl-d14	20.35	244	8829559	78.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	412619	38.442	ng		95
3) Pyridine	4.10	79	1358863	40.671	ng		97
4) n-Nitrosodimethylamine	4.00	42	369416	39.097	ng	#	90
6) Aniline	7.76	93	2249726	40.414	ng	#	89
8) 2-Chlorophenol	8.01	128	1263910	40.518	ng		87
9) Benzaldehyde	7.58	77	897100	35.689	ng		88
10) Phenol	7.61	94	1727587	40.504	ng		86
11) bis(2-Chloroethyl)ether	7.86	93	1385226	39.488	ng	#	83
12) 1,3-Dichlorobenzene	8.35	146	1388127	39.163	ng		98
13) 1,4-Dichlorobenzene	8.50	146	1415536	39.107	ng		97
14) 1,2-Dichlorobenzene	8.82	146	1404232	39.411	ng		97
15) Benzyl Alcohol	8.69	79	1185692	40.827	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1459707	39.313	ng		79
17) 2-Methylphenol	8.89	107	1245409	41.089	ng		93
18) Hexachloroethane	9.57	117	509473	40.434	ng	#	82
19) n-Nitroso-di-n-propylamine	9.27	70	1101680	40.690	ng	#	81
20) 3+4-Methylphenols	9.22	107	1764570	41.625	ng		93
22) Acetophenone	9.29	105	2448795	39.704	ng	#	86
24) Nitrobenzene	9.68	77	1651329	40.804	ng	#	93
25) Isophorone	10.20	82	3098826	40.496	ng		96
26) 2-Nitrophenol	10.40	139	620182	38.985	ng		89
27) 2,4-Dimethylphenol	10.44	122	1308699	39.449	ng		95
28) bis(2-Chloroethoxy)methane	10.68	93	1946508	39.662	ng		97
29) 2,4-Dichlorophenol	10.93	162	1214394	39.554	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	1368196	38.698	ng		98
31) Naphthalene	11.35	128	4701240	38.961	ng		98
32) Benzoic acid	10.56	122	838901	37.119	ng		87
33) 4-Chloroaniline	11.45	127	2125091	40.091	ng		94
34) Hexachlorobutadiene	11.63	225	714611	38.978	ng		96
35) Caprolactam	12.20	113	514496	39.147	ng		92
36) 4-Chloro-3-methylphenol	12.53	107	1570187	40.283	ng		97
37) 2-Methylnaphthalene	12.93	142	3283845	39.114	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1504861	38.758	ng	#	96
40) Hexachlorocyclopentadiene	13.26	237	670059	41.399	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	935258	40.190	ng		98
43) 2,4,5-Trichlorophenol	13.58	196	1113737	39.811	ng	#	93
45) 1,1'-Biphenyl	13.92	154	4498486	38.829	ng		98
46) 2-Chloronaphthalene	13.96	162	3378081	38.860	ng		98
47) 2-Nitroaniline	14.15	65	964975	38.879	ng	#	80
48) Acenaphthylene	14.80	152	5595237	39.951	ng		98
49) Dimethylphthalate	14.51	163	4334192	39.415	ng		99
50) 2,6-Dinitrotoluene	14.63	165	914459	40.283	ng	#	91
51) Acenaphthene	15.14	154	3565761	39.113	ng		98
52) 3-Nitroaniline	14.96	138	1107278	40.127	ng	#	88
53) 2,4-Dinitrophenol	15.16	184	275743	39.525	ng	#	15
54) Dibenzofuran	15.46	168	4982798	38.593	ng		96
55) 4-Nitrophenol	15.24	139	827197	39.282	ng	#	81
56) 2,4-Dinitrotoluene	15.41	165	1239111	38.989	ng	#	89
57) Fluorene	16.10	166	4123390	39.113	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.67	232	859644m	38.936	ng		
59) Diethylphthalate	15.86	149	4486284	40.147	ng		98
60) 4-Chlorophenyl-phenylether	16.09	204	1866871	38.858	ng		92
61) 4-Nitroaniline	16.11	138	1167925	41.192	ng		88
62) Azobenzene	16.38	77	4448830	39.994	ng		90
64) 4,6-Dinitro-2-methylphenol	16.16	198	498948	39.421	ng		87
65) n-Nitrosodiphenylamine	16.30	169	3657897	40.026	ng		97
66) 4-Bromophenyl-phenylether	16.97	248	1065165	39.882	ng	#	85
67) Hexachlorobenzene	17.10	284	1217549	39.036	ng	#	89
68) Atrazine	17.23	200	1168319	39.281	ng		96
69) Pentachlorophenol	17.43	266	759875	38.634	ng		99
70) Phenanthrene	17.83	178	6487535	39.105	ng		99
71) Anthracene	17.92	178	6493954	40.427	ng		99
72) Carbazole	18.18	167	6514322	40.254	ng		97
73) Di-n-butylphthalate	18.71	149	7410990	41.483	ng		99
74) Fluoranthene	19.81	202	7071601	40.631	ng		94
76) Benzidine	19.97	184	3470048	35.630	ng	#	94
77) Pyrene	20.17	202	7588681	39.081	ng		98
79) Butylbenzylphthalate	21.02	149	3405758	38.208	ng		97
80) Benzo(a)anthracene	21.89	228	7303752	38.894	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	2659228	38.554	ng	#	97
82) Chrysene	21.94	228	7074116	37.802	ng		98
83) Bis(2-ethylhexyl)phthalate	21.78	149	5242936	38.937	ng	#	95
84) Di-n-octyl phthalate	22.74	149	8184067	36.945	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.96	276	9066407	39.440	ng	#	86
87) Benzo(b)fluoranthene	23.63	252	7445926	38.394	ng	#	96
88) Benzo(k)fluoranthene	23.69	252	7583124	38.824	ng	#	95
89) Benzo(a)pyrene	24.28	252	7292824	39.213	ng	#	94
90) Dibenzo(a,h)anthracene	26.97	278	7594366	39.048	ng	#	90
91) Benzo(g,h,i)perylene	27.74	276	7574383	38.515	ng	#	89

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

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