Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
Data File : BN000041.D
Acq On : 07 Feb 2018 18:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 04:23:36 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	8.47	152	434861	20.00	ng		0.00
21) Naphthalene-d8	11.31	136	2175872	20.00	ng		0.00
38) Acenaphthene-d10	15.08	164	1267566	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2663960	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2784628	20.00	ng		0.00
86) Perylene-d12	24.42	264	2918118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.94	112	2264392	84.86	ng		0.00
7) Phenol-d6	7.59	99	3465293	85.74	ng		0.00
23) Nitrobenzene-d5	9.65	82	3204443	87.56	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	1067080	85.05	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	7583571	84.32	ng		0.00
78) Terphenyl-d14	20.36	244	8822286	85.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	437372	40.736	ng		95
3) Pyridine	4.10	79	1418880	42.455	ng		97
4) n-Nitrosodimethylamine	4.01	42	396129	41.912	ng	#	89
6) Aniline	7.78	93	2356059	42.312	ng		90
8) 2-Chlorophenol	8.02	128	1320006	42.304	ng		85
9) Benzaldehyde	7.59	77	1061435	42.214	ng		87
10) Phenol	7.62	94	1814667	42.533	ng		86
11) bis(2-Chloroethyl)ether	7.87	93	1466789	41.801	ng	#	82
12) 1,3-Dichlorobenzene	8.36	146	1460109	41.182	ng		99
13) 1,4-Dichlorobenzene	8.50	146	1489221	41.131	ng		96
14) 1,2-Dichlorobenzene	8.83	146	1480148	41.529	ng		97
15) Benzyl Alcohol	8.70	79	1249918	43.026	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1559994	42.002	ng		80
17) 2-Methylphenol	8.90	107	1307515	43.125	ng		93
18) Hexachloroethane	9.58	117	528644	41.943	ng	#	80
19) n-Nitroso-di-n-propylamine	9.28	70	1179757	43.561	ng	#	82
20) 3+4-Methylphenols	9.23	107	1840845	43.412	ng		93
22) Acetophenone	9.30	105	2583219	42.367	ng	#	87
24) Nitrobenzene	9.69	77	1739213	43.471	ng	#	92
25) Isophorone	10.22	82	3302072	43.649	ng		95
26) 2-Nitrophenol	10.41	139	613335	38.996	ng		90
27) 2,4-Dimethylphenol	10.45	122	1393859	42.500	ng		95
28) bis(2-Chloroethoxy)methane	10.69	93	2052826	42.311	ng		97
29) 2,4-Dichlorophenol	10.94	162	1279432	42.153	ng		96
30) 1,2,4-Trichlorobenzene	11.17	180	1450920	41.510	ng		98
31) Naphthalene	11.36	128	4952308	41.515	ng		98
32) Benzoic acid	10.56	122	838758	37.421	ng		88
33) 4-Chloroaniline	11.46	127	2229980	42.555	ng		94
34) Hexachlorobutadiene	11.64	225	751508	41.463	ng		95
35) Caprolactam	12.21	113	522671	40.117	ng		94
36) 4-Chloro-3-methylphenol	12.54	107	1626327	42.204	ng		98
37) 2-Methylnaphthalene	12.94	142	3483255	41.967	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1579242	42.209	ng	#	96
40) Hexachlorocyclopentadiene	13.27	237	663508	42.543	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	971778	43.336	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	1153483	42.789	ng	#	93
45) 1,1'-Biphenyl	13.92	154	4723345	42.309	ng		97
46) 2-Chloronaphthalene	13.97	162	3555589	42.447	ng		97
47) 2-Nitroaniline	14.16	65	989208	41.049	ng	#	82
48) Acenaphthylene	14.81	152	5870484	43.500	ng		98
49) Dimethylphthalate	14.52	163	4551244	42.952	ng		99
50) 2,6-Dinitrotoluene	14.64	165	944697	43.187	ng		93
51) Acenaphthene	15.15	154	3715540	42.295	ng		98
52) 3-Nitroaniline	14.97	138	1140945	42.909	ng	#	89
53) 2,4-Dinitrophenol	15.17	184	258965	38.756	ng	#	1
54) Dibenzofuran	15.47	168	5205721	41.842	ng		95
55) 4-Nitrophenol	15.25	139	833705	40.857	ng	#	83
56) 2,4-Dinitrotoluene	15.42	165	1267296	41.126	ng		94
57) Fluorene	16.12	166	4278930	42.121	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.69	232	920231	43.254	ng	#	83
59) Diethylphthalate	15.87	149	4674727	43.414	ng		98
60) 4-Chlorophenyl-phenylether	16.10	204	1929689	41.683	ng		91
61) 4-Nitroaniline	16.12	138	1188862	43.515	ng		88
62) Azobenzene	16.39	77	4665631	43.527	ng		90
64) 4,6-Dinitro-2-methylphenol	16.17	198	478903	39.788	ng		88
65) n-Nitrosodiphenylamine	16.31	169	3790564	43.729	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	1084519	42.811	ng	#	84
67) Hexachlorobenzene	17.10	284	1248624	42.205	ng	#	88
68) Atrazine	17.23	200	1208930	42.852	ng		94
69) Pentachlorophenol	17.44	266	766033	40.695	ng		99
70) Phenanthrene	17.84	178	6646915	42.241	ng		99
71) Anthracene	17.93	178	6629905	43.513	ng		98
72) Carbazole	18.19	167	6624370	43.156	ng		97
73) Di-n-butylphthalate	18.73	149	7580486	44.735	ng		99
74) Fluoranthene	19.82	202	7169412	43.429	ng		93
76) Benzidine	19.99	184	3754856	42.301	ng		95
77) Pyrene	20.17	202	7670478	43.341	ng		98
79) Butylbenzylphthalate	21.04	149	3378706	41.112	ng		98
80) Benzo(a)anthracene	21.91	228	7307096	42.693	ng		99
81) 3,3'-Dichlorobenzidine	21.83	252	2679330	42.620	ng	#	96
82) Chrysene	21.96	228	7093873	41.591	ng		98
83) Bis(2-ethylhexyl)phthalate	21.81	149	5151138	41.746	ng	#	96
84) Di-n-octyl phthalate	22.77	149	8085364	39.900	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.00	276	8811934	42.057	ng	#	86
87) Benzo(b)fluoranthene	23.66	252	7386259	43.243	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	7455665	43.339	ng	#	94
89) Benzo(a)pyrene	24.31	252	7147134	43.633	ng	#	94
90) Dibenzo(a,h)anthracene	27.01	278	7423464	43.338	ng	#	91
91) Benzo(g,h,i)perylene	27.79	276	7376647	42.588	ng	#	87

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

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