Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020618\
Data File : BN000022.D
Acq On : 06 Feb 2018 09:02
Operator :
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/7/2018 4:13:37 PM

Quant Time: Feb 07 04:18:16 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 15:24:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	361835	20.00	ng		-0.01
21) Naphthalene-d8	11.32	136	1817003	20.00	ng		-0.01
38) Acenaphthene-d10	15.09	164	1084496	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2385843	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2591638	20.00	ng		-0.02
86) Perylene-d12	24.43	264	2799104	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.95	112	1884691	76.80	ng		0.00
7) Phenol-d6	7.59	99	2875630	77.14	ng		0.00
23) Nitrobenzene-d5	9.65	82	2582916	85.96	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	891375	81.76	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	6469732	79.90	ng		-0.01
78) Terphenyl-d14	20.37	244	8133354	82.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	365629	37.661	ng		95
3) Pyridine	4.10	79	1196651	40.642	ng		99
4) n-Nitrosodimethylamine	4.01	42	333311	38.477	ng	#	97
6) Aniline	7.78	93	1967407	38.717	ng		91
8) 2-Chlorophenol	8.02	128	1077499	39.689	ng		87
9) Benzaldehyde	7.59	77	699589	35.431	ng		87
10) Phenol	7.62	94	1485593	38.990	ng		87
11) bis(2-Chloroethyl)ether	7.88	93	1183288	38.928	ng	#	83
12) 1,3-Dichlorobenzene	8.36	146	1198095	39.752	ng		99
13) 1,4-Dichlorobenzene	8.51	146	1229373	39.716	ng		96
14) 1,2-Dichlorobenzene	8.83	146	1213942	39.693	ng		97
15) Benzyl Alcohol	8.70	79	1012811	36.999	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.00	45	1281192	38.969	ng		79
17) 2-Methylphenol	8.90	107	1072042	39.019	ng		95
18) Hexachloroethane	9.58	117	424936	40.032	ng	#	81
19) n-Nitroso-di-n-propylamine	9.28	70	939063	37.384	ng	#	84
20) 3+4-Methylphenols	9.23	107	1487733	38.661	ng		93
22) Acetophenone	9.30	105	2108228	39.284	ng	#	87
24) Nitrobenzene	9.69	77	1382034	42.881	ng	#	93
25) Isophorone	10.22	82	2670330	37.517	ng		97
26) 2-Nitrophenol	10.41	139	432147	40.669	ng		91
27) 2,4-Dimethylphenol	10.45	122	1109555	38.019	ng		96
28) bis(2-Chloroethoxy)methane	10.70	93	1641655	39.987	ng		98
29) 2,4-Dichlorophenol	10.95	162	1021855	40.807	ng		97
30) 1,2,4-Trichlorobenzene	11.17	180	1173215	40.010	ng		96
31) Naphthalene	11.37	128	4045960	39.703	ng		98
32) Benzoic acid	10.56	122	605540m	38.967	ng		
33) 4-Chloroaniline	11.46	127	1858369	39.335	ng		94
34) Hexachlorobutadiene	11.65	225	603719	40.412	ng		97
35) Caprolactam	12.21	113	427973	38.450	ng		92
36) 4-Chloro-3-methylphenol	12.55	107	1322110	38.830	ng		97
37) 2-Methylnaphthalene	12.94	142	2860280	39.721	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	1293587	40.951	ng	#	97
40) Hexachlorocyclopentadiene	13.27	237	486358	46.097	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	769909	41.235	ng		98
43) 2,4,5-Trichlorophenol	13.59	196	926500	42.137	ng	#	92
45) 1,1'-Biphenyl	13.93	154	3879249	40.034	ng		98
46) 2-Chloronaphthalene	13.97	162	2931234	40.295	ng		97
47) 2-Nitroaniline	14.16	65	768074	41.261	ng	#	81
48) Acenaphthylene	14.81	152	4910358	40.198	ng		98
49) Dimethylphthalate	14.53	163	3793430	39.138	ng		99
50) 2,6-Dinitrotoluene	14.65	165	749491	40.752	ng		93
51) Acenaphthene	15.15	154	3071443	39.847	ng		99
52) 3-Nitroaniline	14.97	138	931662	41.139	ng	#	92
53) 2,4-Dinitrophenol	15.17	184	178847	43.317	ng	#	29
54) Dibenzofuran	15.47	168	4374389	39.546	ng		95
55) 4-Nitrophenol	15.25	139	656913	39.202	ng	#	85
56) 2,4-Dinitrotoluene	15.42	165	1004865	41.071	ng		93
57) Fluorene	16.12	166	3632368	39.000	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	737330	41.177	ng	#	81
59) Diethylphthalate	15.87	149	3944880	38.954	ng		97
60) 4-Chlorophenyl-phenylether	16.10	204	1618406	39.315	ng		91
61) 4-Nitroaniline	16.12	138	981071	40.800	ng		89
62) Azobenzene	16.40	77	3950719	39.038	ng		91
64) 4,6-Dinitro-2-methylphenol	16.17	198	348571	42.421	ng		88
65) n-Nitrosodiphenylamine	16.31	169	3226466	41.384	ng		97
66) 4-Bromophenyl-phenylether	16.99	248	914861	40.978	ng	#	85
67) Hexachlorobenzene	17.11	284	1053737	40.968	ng	#	89
68) Atrazine	17.24	200	974011	40.983	ng		94
69) Pentachlorophenol	17.45	266	618609	40.157	ng		97
70) Phenanthrene	17.85	178	5763047	40.145	ng		100
71) Anthracene	17.94	178	5784485	40.675	ng		99
72) Carbazole	18.19	167	5865530	39.865	ng		96
73) Di-n-butylphthalate	18.73	149	6595125	40.362	ng		99
74) Fluoranthene	19.82	202	6355093	38.988	ng		93
76) Benzidine	19.99	184	2800245	42.686	ng		96
77) Pyrene	20.18	202	6910885	42.268	ng		98
79) Butylbenzylphthalate	21.05	149	2802375	40.304	ng		97
80) Benzo(a)anthracene	21.92	228	6633106	41.281	ng		99
81) 3,3'-Dichlorobenzidine	21.83	252	2328676	43.247	ng	#	97
82) Chrysene	21.97	228	6491824	40.681	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4544448	42.140	ng	#	95
84) Di-n-octyl phthalate	22.79	149	7226118	41.400	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.01	276	8360825	40.616	ng	#	87
87) Benzo(b)fluoranthene	23.67	252	6726129	40.414	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	7006508	41.988	ng	#	95
89) Benzo(a)pyrene	24.32	252	6645231	41.101	ng	#	95
90) Dibenzo(a,h)anthracene	27.02	278	6972301	41.201	ng	#	91
91) Benzo(g,h,i)perylene	27.80	276	6980386	40.586	ng	#	89

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

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