Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002179.D
Acq On : 26 Jul 2018 19:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 27 00:57:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 26 18:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	231317	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1006268	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	548807	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1063984	20.00	ng		0.00
75) Chrysene-d12	21.27	240	868274	20.00	ng		0.00
86) Perylene-d12	23.49	264	858259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1140189	79.36	ng		0.00
7) Phenol-d6	6.88	99	1636567	81.17	ng		0.00
23) Nitrobenzene-d5	8.85	82	1645540	83.86	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	533025	74.79	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3570031	84.73	ng		0.00
78) Terphenyl-d14	19.70	244	3513139	84.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	212470	39.390	ng	#	78
3) Pyridine	3.66	79	643382	41.177	ng	#	73
4) n-Nitrosodimethylamine	3.58	42	263582	39.327	ng	#	69
6) Aniline	7.03	93	979017	39.748	ng		99
8) 2-Chlorophenol	7.26	128	662894	39.782	ng		93
9) Benzaldehyde	6.84	77	515219	41.490	ng		96
10) Phenol	6.90	94	836953	40.495	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	669878	39.821	ng		96
12) 1,3-Dichlorobenzene	7.58	146	747079	39.341	ng		99
13) 1,4-Dichlorobenzene	7.73	146	763353	39.293	ng		97
14) 1,2-Dichlorobenzene	8.04	146	735443	39.242	ng		97
15) Benzyl Alcohol	7.93	79	605088	39.769	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1099510	40.476	ng		95
17) 2-Methylphenol	8.13	107	558765	39.600	ng		96
18) Hexachloroethane	8.76	117	281673	39.616	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	577733	39.503	ng	#	97
20) 3+4-Methylphenols	8.46	107	781854	39.715	ng		92
22) Acetophenone	8.50	105	1045534	40.074	ng	#	97
24) Nitrobenzene	8.88	77	819090	40.279	ng		97
25) Isophorone	9.40	82	1336740	39.676	ng		96
26) 2-Nitrophenol	9.59	139	400608	40.781	ng		96
27) 2,4-Dimethylphenol	9.65	122	545595	39.936	ng		97
28) bis(2-Chloroethoxy)methane	9.89	93	866162	39.800	ng		96
29) 2,4-Dichlorophenol	10.12	162	638702	40.092	ng		95
30) 1,2,4-Trichlorobenzene	10.33	180	714789	39.618	ng		97
31) Naphthalene	10.52	128	2017769	39.732	ng		98
32) Benzoic acid	9.81	122	411216	35.476	ng		91
33) 4-Chloroaniline	10.63	127	894107	39.569	ng		98
34) Hexachlorobutadiene	10.80	225	440484	39.868	ng		97
35) Caprolactam	11.40	113	202353	37.219	ng	#	64
36) 4-Chloro-3-methylphenol	11.76	107	710298	39.211	ng		97
37) 2-Methylnaphthalene	12.13	142	1404152	39.203	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	757234	41.035	ng	#	99
40) Hexachlorocyclopentadiene	12.48	237	423166	40.602	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	502015	40.546	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	526702	40.159	ng		98
45) 1,1'-Biphenyl	13.15	154	1973607	40.867	ng		97
46) 2-Chloronaphthalene	13.19	162	1524107	40.886	ng		99
47) 2-Nitroaniline	13.40	65	491222	40.954	ng		92
48) Acenaphthylene	14.05	152	2267889	40.092	ng		97
49) Dimethylphthalate	13.79	163	1745977	38.299	ng		99
50) 2,6-Dinitrotoluene	13.90	165	396407	39.140	ng		93
51) Acenaphthene	14.39	154	1353669	39.728	ng		99
52) 3-Nitroaniline	14.23	138	414227	37.747	ng	#	88
53) 2,4-Dinitrophenol	14.45	184	187699	35.001	ng		98
54) Dibenzofuran	14.72	168	2162039	39.136	ng		96
55) 4-Nitrophenol	14.55	139	311817	37.012	ng		91
56) 2,4-Dinitrotoluene	14.70	165	520146	37.841	ng		86
57) Fluorene	15.37	166	1600635	38.441	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.95	232	422517	37.459	ng		94
59) Diethylphthalate	15.16	149	1730758	37.301	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	883926	38.364	ng		96
61) 4-Nitroaniline	15.40	138	414686	37.071	ng		91
62) Azobenzene	15.66	77	1733020	38.925	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	289754	40.337	ng		99
65) n-Nitrosodiphenylamine	15.59	169	1484476	42.046	ng		96
66) 4-Bromophenyl-phenylether	16.26	248	516855	41.496	ng	#	91
67) Hexachlorobenzene	16.38	284	563776	40.921	ng		99
68) Atrazine	16.55	200	469714	39.516	ng		97
69) Pentachlorophenol	16.73	266	347963	39.237	ng		99
70) Phenanthrene	17.11	178	2306075	39.708	ng		100
71) Anthracene	17.20	178	2293716	39.902	ng		97
72) Carbazole	17.47	167	2235670	38.761	ng		97
73) Di-n-butylphthalate	18.05	149	2593570	38.548	ng		99
74) Fluoranthene	19.13	202	2344383	37.180	ng		97
76) Benzidine	19.32	184	1192670	42.116	ng		97
77) Pyrene	19.50	202	2413701	40.310	ng		100
79) Butylbenzylphthalate	20.41	149	1044377	40.068	ng		91
80) Benzo(a)anthracene	21.25	228	2088343	39.461	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	828607	40.190	ng	#	98
82) Chrysene	21.30	228	1994437	39.582	ng		98
83) Bis(2-ethylhexyl)phthalate	21.19	149	1458760	40.134	ng		96
84) Di-n-octyl phthalate	22.07	149	2376037	41.228	ng		98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2245121	45.701	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	1970098	38.895	ng		97
88) Benzo(k)fluoranthene	22.87	252	1944476	38.979	ng	#	98
89) Benzo(a)pyrene	23.40	252	1874417	39.624	ng		97
90) Dibenzo(a,h)anthracene	25.73	278	1894785	42.663	ng	#	95
91) Benzo(g,h,i)perylene	26.40	276	1854558	43.208	ng	#	96

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

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