Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072618\
Data File : BN002167.D
Acq On : 26 Jul 2018 10:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC040

Quant Time: Jul 27 00:56:53 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	233836	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1055063	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	603010	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1272546	20.00	ng		0.00
75) Chrysene-d12	21.27	240	1002213	20.00	ng		0.00
86) Perylene-d12	23.49	264	871496	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1157791	79.71	ng		0.00
7) Phenol-d6	6.88	99	1660828	81.48	ng		0.00
23) Nitrobenzene-d5	8.84	82	1722170	83.71	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	619465	79.11	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3828536	82.70	ng		0.00
78) Terphenyl-d14	19.71	244	4214017	87.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	218412	40.055	ng	#	78
3) Pyridine	3.66	79	663151	41.985	ng	#	72
4) n-Nitrosodimethylamine	3.58	42	269284	39.745	ng	#	71
6) Aniline	7.03	93	1018973	40.925	ng		99
8) 2-Chlorophenol	7.26	128	681705	40.470	ng		94
9) Benzaldehyde	6.85	77	521627	41.554	ng		94
10) Phenol	6.90	94	858390	41.085	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	690328	40.594	ng		97
12) 1,3-Dichlorobenzene	7.58	146	765596	39.881	ng		98
13) 1,4-Dichlorobenzene	7.73	146	781714	39.805	ng		97
14) 1,2-Dichlorobenzene	8.04	146	747798	39.471	ng		98
15) Benzyl Alcohol	7.93	79	630316	40.981	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1138881	41.473	ng		94
17) 2-Methylphenol	8.13	107	569066	39.896	ng		96
18) Hexachloroethane	8.76	117	287396	39.986	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	603995	40.853	ng	#	96
20) 3+4-Methylphenols	8.46	107	808935	40.648	ng		92
22) Acetophenone	8.51	105	1088608	39.795	ng		96
24) Nitrobenzene	8.89	77	852501	39.983	ng		96
25) Isophorone	9.40	82	1411081	39.946	ng		96
26) 2-Nitrophenol	9.59	139	408913	39.702	ng		95
27) 2,4-Dimethylphenol	9.65	122	567382	39.610	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	904572	39.642	ng		98
29) 2,4-Dichlorophenol	10.12	162	666739	39.916	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	743140	39.285	ng		99
31) Naphthalene	10.52	128	2085653	39.169	ng		98
32) Benzoic acid	9.82	122	432604	35.596	ng		95
33) 4-Chloroaniline	10.63	127	944990	39.886	ng		98
34) Hexachlorobutadiene	10.80	225	452426	39.055	ng		96
35) Caprolactam	11.41	113	226027	39.651	ng	#	65
36) 4-Chloro-3-methylphenol	11.76	107	762587	40.150	ng		95
37) 2-Methylnaphthalene	12.13	142	1489559	39.664	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	811564	40.026	ng		98
40) Hexachlorocyclopentadiene	12.48	237	474731	41.456	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	547481	40.244	ng		98
43) 2,4,5-Trichlorophenol	12.82	196	577053	40.044	ng		98
45) 1,1'-Biphenyl	13.15	154	2117749	39.910	ng		100
46) 2-Chloronaphthalene	13.19	162	1642527	40.103	ng		98
47) 2-Nitroaniline	13.40	65	536684	40.722	ng		92
48) Acenaphthylene	14.05	152	2474286	39.809	ng		98
49) Dimethylphthalate	13.79	163	1963188	39.193	ng		100
50) 2,6-Dinitrotoluene	13.90	165	446012	40.079	ng		95
51) Acenaphthene	14.39	154	1494829	39.927	ng		100
52) 3-Nitroaniline	14.23	138	483650	40.112	ng	#	89
53) 2,4-Dinitrophenol	14.45	184	220178	37.366	ng		98
54) Dibenzofuran	14.73	168	2396666	39.484	ng		96
55) 4-Nitrophenol	14.55	139	366930	39.639	ng		92
56) 2,4-Dinitrotoluene	14.70	165	606028	40.126	ng		89
57) Fluorene	15.37	166	1800264	39.349	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.96	232	491327	39.644	ng		95
59) Diethylphthalate	15.16	149	2010105	39.427	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	996507	39.363	ng		97
61) 4-Nitroaniline	15.40	138	487706	39.679	ng		92
62) Azobenzene	15.67	77	1966419	40.197	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	345956	40.268	ng		97
65) n-Nitrosodiphenylamine	15.59	169	1703637	40.345	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	595796	39.994	ng		93
67) Hexachlorobenzene	16.38	284	660344	40.075	ng		97
68) Atrazine	16.55	200	573287	40.324	ng		97
69) Pentachlorophenol	16.73	266	428873	40.435	ng		100
70) Phenanthrene	17.12	178	2749986	39.591	ng		100
71) Anthracene	17.20	178	2723475	39.614	ng		98
72) Carbazole	17.47	167	2693959	39.051	ng		97
73) Di-n-butylphthalate	18.05	149	3155807	39.218	ng		99
74) Fluoranthene	19.13	202	2849162	37.780	ng		98
76) Benzidine	19.32	184	1383279	42.318	ng		96
77) Pyrene	19.50	202	2924267	42.310	ng		100
79) Butylbenzylphthalate	20.41	149	1211456	40.267	ng		92
80) Benzo(a)anthracene	21.25	228	2395231	39.212	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	933272	39.217	ng		100
82) Chrysene	21.30	228	2258553	38.833	ng		98
83) Bis(2-ethylhexyl)phthalate	21.19	149	1636258	39.001	ng		96
84) Di-n-octyl phthalate	22.07	149	2524537	37.951	ng		98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2140884	37.755	ng	#	94
87) Benzo(b)fluoranthene	22.83	252	1998861	38.863	ng		98
88) Benzo(k)fluoranthene	22.87	252	2087136	41.204	ng		99
89) Benzo(a)pyrene	23.40	252	1923762	40.050	ng	#	97
90) Dibenzo(a,h)anthracene	25.74	278	1813536	40.213	ng	#	95
91) Benzo(g,h,i)perylene	26.41	276	1761131	40.408	ng		97

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

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