Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050218\
Data File : BF105020.D
Acq On : 2 May 2018 10:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/3/2018 5:00:38 PM

Quant Time: May 02 17:41:24 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127699	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	550644	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	255291	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	465773	20.00	ng		0.00
75) Chrysene-d12	14.03	240	345019	20.00	ng		0.00
86) Perylene-d12	15.59	264	282175	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	630381	75.48	ng		0.00
7) Phenol-d6	6.44	99	796688	77.64	ng		0.00
23) Nitrobenzene-d5	7.37	82	729214	86.47	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	215858	81.51	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1256484	77.75	ng		0.00
78) Terphenyl-d14	12.92	244	1213759	80.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	135446	34.806	ng	#	85
3) Pyridine	3.22	79	377534	34.506	ng		85
4) n-Nitrosodimethylamine	3.21	42	127962	33.458	ng	#	78
6) Aniline	6.46	93	542362	38.044	ng	#	89
8) 2-Chlorophenol	6.58	128	358920	40.718	ng		92
9) Benzaldehyde	6.35	77	221477	44.169	ng		93
10) Phenol	6.45	94	429554	39.454	ng		77
11) bis(2-Chloroethyl)ether	6.53	93	350236	40.311	ng		91
12) 1,3-Dichlorobenzene	6.73	146	404193	40.475	ng		99
13) 1,4-Dichlorobenzene	6.81	146	411911	41.380	ng		98
14) 1,2-Dichlorobenzene	6.96	146	380121	41.207	ng		99
15) Benzyl Alcohol	6.95	79	284184	36.463	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	393316	33.709	ng		70
17) 2-Methylphenol	7.06	107	313853	40.961	ng	#	91
18) Hexachloroethane	7.30	117	145066	40.873	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	235533	35.126	ng		91
20) 3+4-Methylphenols	7.21	107	370663	39.005	ng	#	68
22) Acetophenone	7.21	105	511661	37.743	ng		98
24) Nitrobenzene	7.39	77	379194	40.728	ng		95
25) Isophorone	7.62	82	668988	37.516	ng		98
26) 2-Nitrophenol	7.70	139	207778	54.819	ng		93
27) 2,4-Dimethylphenol	7.73	122	286525	36.407	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	411896	37.779	ng		99
29) 2,4-Dichlorophenol	7.94	162	304340	40.529	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	337269	40.926	ng		98
31) Naphthalene	8.10	128	1061031	38.697	ng		99
32) Benzoic acid	7.90	122	254965m	40.604	ng		
33) 4-Chloroaniline	8.16	127	469156	39.939	ng		96
34) Hexachlorobutadiene	8.21	225	187628	41.567	ng		100
35) Caprolactam	8.55	113	101790	38.858	ng	#	67
36) 4-Chloro-3-methylphenol	8.65	107	321505	39.930	ng		96
37) 2-Methylnaphthalene	8.79	142	697367	39.319	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	311518	42.628	ng		98
40) Hexachlorocyclopentadiene	8.93	237	174074	42.548	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	203943	40.201	ng		98
43) 2,4,5-Trichlorophenol	9.12	196	233908	41.203	ng		95
45) 1,1'-Biphenyl	9.26	154	846484	39.470	ng		99
46) 2-Chloronaphthalene	9.28	162	676951	39.962	ng		99
47) 2-Nitroaniline	9.39	65	197796	47.216	ng		93
48) Acenaphthylene	9.70	152	995291	37.448	ng		100
49) Dimethylphthalate	9.56	163	815351	40.501	ng		100
50) 2,6-Dinitrotoluene	9.63	165	175043	46.990	ng	#	84
51) Acenaphthene	9.87	154	601589	37.098	ng		99
52) 3-Nitroaniline	9.80	138	202972	46.542	ng		98
53) 2,4-Dinitrophenol	9.92	184	68846	53.566	ng	#	19
54) Dibenzofuran	10.05	168	815850	36.101	ng		99
55) 4-Nitrophenol	9.97	139	140061	40.885	ng		91
56) 2,4-Dinitrotoluene	10.04	165	209269	42.828	ng		96
57) Fluorene	10.39	166	683552	41.555	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	160600	37.920	ng		93
59) Diethylphthalate	10.26	149	760248	37.918	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	316042	43.142	ng		99
61) 4-Nitroaniline	10.42	138	207550	48.674	ng		97
62) Azobenzene	10.54	77	666817	34.811	ng		91
64) 4,6-Dinitro-2-methylphenol	10.45	198	124264	53.742	ng	#	79
65) n-Nitrosodiphenylamine	10.50	169	623751	38.623	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	200150	40.399	ng	#	86
67) Hexachlorobenzene	10.93	284	225685	40.484	ng		93
68) Atrazine	11.03	200	179763	36.877	ng		99
69) Pentachlorophenol	11.13	266	142205	41.233	ng		99
70) Phenanthrene	11.35	178	984707	37.963	ng		99
71) Anthracene	11.40	178	997418	37.828	ng		100
72) Carbazole	11.56	167	968944	37.607	ng		99
73) Di-n-butylphthalate	11.88	149	1161663	36.909	ng		100
74) Fluoranthene	12.55	202	1012636	37.366	ng		98
76) Benzidine	12.67	184	399178	32.206	ng		98
77) Pyrene	12.77	202	1040701	40.694	ng		100
79) Butylbenzylphthalate	13.40	149	488278	40.527	ng		95
80) Benzo(a)anthracene	14.02	228	875495	42.475	ng		98
81) 3,3'-Dichlorobenzidine	13.98	252	295352	38.431	ng		98
82) Chrysene	14.06	228	830512	39.228	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	660128	42.597	ng		99
84) Di-n-octyl phthalate	14.68	149	987874	38.150	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.09	276	639340	35.549	ng		96
87) Benzo(b)fluoranthene	15.16	252	745549	41.834	ng		99
88) Benzo(k)fluoranthene	15.19	252	671687	39.921	ng		98
89) Benzo(a)pyrene	15.53	252	637348	39.969	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	530339	40.495	ng		95
91) Benzo(g,h,i)perylene	17.53	276	539298	42.504	ng		95

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

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