Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036844.D
Acq On : 20 Sep 2018 15:31
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
9/21/2018 10:48:52 AM

Quant Time: Sep 20 19:27:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 18:05:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33885	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	161005	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	115632	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	317122	20.00	ng		0.00
75) Chrysene-d12	21.69	240	328038	20.00	ng		0.00
86) Perylene-d12	24.90	264	315938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	7937m	3.72	ng		0.00
7) Phenol-d6	7.21	99	12634	4.13	ng		0.00
23) Nitrobenzene-d5	9.22	82	15024	5.06	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	6275	4.55	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	42712	5.27	ng		0.00
78) Terphenyl-d14	20.02	244	75250	5.36	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.95	79	5330m	1.905	ng		
4) n-Nitrosodimethylamine	3.85	42	2577m	2.068	ng		
6) Aniline	7.37	93	8440	2.174	ng		96
8) 2-Chlorophenol	7.61	128	4712	2.034	ng		96
9) Benzaldehyde	7.19	77	5196	2.467	ng		82
10) Phenol	7.24	94	5999	1.874	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	7053	2.780	ng		94
12) 1,3-Dichlorobenzene	7.93	146	6596	2.494	ng		90
13) 1,4-Dichlorobenzene	8.09	146	6751	2.528	ng		93
14) 1,2-Dichlorobenzene	8.40	146	6924	2.715	ng		95
15) Benzyl Alcohol	8.30	79	5319m	2.157	ng		
16) 2,2'-oxybis(1-Chloropropan	8.58	45	13469	2.632	ng		97
17) 2-Methylphenol	8.50	107	4712m	2.217	ng		
18) Hexachloroethane	9.13	117	2471	2.581	ng		87
19) n-Nitroso-di-n-propylamine	8.85	70	5525	2.417	ng		94
20) 3+4-Methylphenols	8.82	107	5457	1.839	ng		92
22) Acetophenone	8.87	105	9426	2.229	ng	#	96
24) Nitrobenzene	9.25	77	8201	2.563	ng	#	95
25) Isophorone	9.77	82	13733	2.330	ng		96
26) 2-Nitrophenol	9.98	139	2738	2.159	ng		91
27) 2,4-Dimethylphenol	10.02	122	4692	1.999	ng	#	83
28) bis(2-Chloroethoxy)methane	10.26	93	8890m	2.457	ng		
29) 2,4-Dichlorophenol	10.51	162	4796	1.864	ng		89
30) 1,2,4-Trichlorobenzene	10.71	180	7559	2.511	ng		90
31) Naphthalene	10.90	128	20629	2.563	ng		97
33) 4-Chloroaniline	11.02	127	8505m	2.306	ng		
34) Hexachlorobutadiene	11.19	225	5212	2.577	ng		88
36) 4-Chloro-3-methylphenol	12.14	107	5850	1.957	ng	#	93
37) 2-Methylnaphthalene	12.51	142	15420	2.618	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	10285	2.513	ng		99
42) 2,4,6-Trichlorophenol	13.12	196	4596m	1.844	ng		
43) 2,4,5-Trichlorophenol	13.19	196	5020m	1.888	ng		
45) 1,1'-Biphenyl	13.51	154	23508	2.449	ng		97
46) 2-Chloronaphthalene	13.55	162	18545	2.531	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	13.76	65	5421	2.356	ng		90
48) Acenaphthylene	14.40	152	29031	2.535	ng		93
49) Dimethylphthalate	14.12	163	24866	2.634	ng		97
50) 2,6-Dinitrotoluene	14.25	165	4794	2.467	ng		93
51) Acenaphthene	14.74	154	18135	2.473	ng		91
52) 3-Nitroaniline	14.59	138	4988	2.382	ng	#	90
54) Dibenzofuran	15.07	168	30167	2.625	ng		99
56) 2,4-Dinitrotoluene	15.03	165	7068	2.791	ng	#	82
57) Fluorene	15.72	166	22466	2.615	ng		86
58) 2,3,4,6-Tetrachlorophenol	15.30	232	5803	2.323	ng	#	87
59) Diethylphthalate	15.48	149	26009	2.733	ng		92
60) 4-Chlorophenyl-phenylether	15.71	204	13545	2.554	ng		99
61) 4-Nitroaniline	15.76	138	5534	2.526	ng	#	83
62) Azobenzene	16.00	77	24172	2.497	ng		97
65) n-Nitrosodiphenylamine	15.93	169	22006	2.335	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	8544	2.301	ng		85
67) Hexachlorobenzene	16.72	284	9268	2.441	ng		93
68) Atrazine	16.87	200	9277	2.623	ng		94
70) Phenanthrene	17.46	178	40775	2.530	ng		95
71) Anthracene	17.55	178	40380	2.514	ng		98
72) Carbazole	17.82	167	38657	2.410	ng		98
73) Di-n-butylphthalate	18.38	149	43508	2.436	ng		100
74) Fluoranthene	19.47	202	52008	2.647	ng		94
76) Benzidine	19.65	184	28194	2.694	ng	#	90
77) Pyrene	19.83	202	53473	2.651	ng		94
79) Butylbenzylphthalate	20.71	149	22195	2.765	ng		95
80) Benzo(a)anthracene	21.67	228	57747	2.906	ng		96
81) 3,3'-Dichlorobenzidine	21.58	252	18440	2.328	ng	#	91
82) Chrysene	21.73	228	56806	3.016	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	32949	2.933	ng		94
84) Di-n-octyl phthalate	22.78	149	51326	2.735	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.54	276	49615	2.268	ng		98
87) Benzo(b)fluoranthene	23.87	252	48047	2.739	ng		97
88) Benzo(k)fluoranthene	23.95	252	49531	2.890	ng		99
89) Benzo(a)pyrene	24.74	252	45614	2.706	ng	#	98
90) Dibenzo(a,h)anthracene	28.60	278	40234	2.472	ng		94
91) Benzo(g,h,i)perylene	29.69	276	39969	2.444	ng	#	92

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

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