Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038495.D
Acq On : 12 Dec 2018 9:42
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:34 PM

Quant Time: Dec 12 12:37:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 12:12:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22578	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	90622	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	58089	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	149605	20.00	ng		0.00
76) Chrysene-d12	21.72	240	170928	20.00	ng		0.00
87) Perylene-d12	25.02	264	187742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	5735	4.50	ng		0.00
7) Phenol-d6	7.21	99	7791	4.22	ng		0.00
23) Nitrobenzene-d5	9.24	82	8543	4.68	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	3485	4.89	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	21556	5.29	ng		0.00
79) Terphenyl-d14	20.05	244	38946	4.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	1501	2.567	ng		90
4) n-Nitrosodimethylamine	3.84	42	1967	2.567	ng	#	31
6) Aniline	7.39	93	4892	2.077	ng	#	93
8) 2-Chlorophenol	7.62	128	3403	2.297	ng		85
9) Benzaldehyde	7.21	77	3216	2.754	ng		84
10) Phenol	7.24	94	4230	2.171	ng		80
11) bis(2-Chloroethyl)ether	7.48	93	3536	2.216	ng	#	80
12) 1,3-Dichlorobenzene	7.94	146	4226m	2.440	ng		
13) 1,4-Dichlorobenzene	8.10	146	4299	2.399	ng		94
14) 1,2-Dichlorobenzene	8.41	146	4117	2.325	ng		96
15) Benzyl Alcohol	8.31	79	2644	1.744	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.59	45	8382	2.309	ng		89
17) 2-Methylphenol	8.50	107	2561	1.732	ng	#	79
18) Hexachloroethane	9.14	117	1540	2.381	ng	#	82
19) n-Nitroso-di-n-propylamine	8.87	70	2628	1.851	ng	#	83
20) 3+4-Methylphenols	8.84	107	3534	1.800	ng		95
22) Acetophenone	8.90	105	5328	2.246	ng	#	89
24) Nitrobenzene	9.28	77	4418	2.382	ng		90
25) Isophorone	9.79	82	6934	2.162	ng	#	91
28) bis(2-Chloroethoxy)methane	10.28	93	3863	2.101	ng		97
29) 2,4-Dichlorophenol	10.53	162	2869	2.036	ng		84
30) 1,2,4-Trichlorobenzene	10.73	180	4387	2.653	ng		95
31) Naphthalene	10.93	128	11395	2.632	ng	#	94
33) 4-Chloroaniline	11.06	127	4219	2.202	ng	#	91
34) Hexachlorobutadiene	11.19	225	2828	2.733	ng	#	81
37) 2-Methylnaphthalene	12.53	142	7755	2.516	ng		94
38) 1-Methylnaphthalene	12.75	142	7742	2.622	ng		90
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	5370	2.687	ng	#	96
43) 2,4,6-Trichlorophenol	13.13	196	2762	2.133	ng	#	83
44) 2,4,5-Trichlorophenol	13.21	196	2779	2.026	ng	#	88
46) 1,1'-Biphenyl	13.53	154	12271	2.499	ng		92
47) 2-Chloronaphthalene	13.58	162	9498	2.563	ng		93
48) 2-Nitroaniline	13.79	65	2431	1.956	ng	#	91
49) Acenaphthylene	14.42	152	13741	2.462	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
50) Dimethylphthalate	14.14	163	11556	2.480	ng		98
51) 2,6-Dinitrotoluene	14.28	165	2593	2.436	ng		91
52) Acenaphthene	14.76	154	8364	2.459	ng		94
53) 3-Nitroaniline	14.62	138	2352	2.052	ng	#	91
55) Dibenzofuran	15.09	168	15004	2.668	ng		95
57) 2,4-Dinitrotoluene	15.06	165	3549	2.418	ng	#	78
58) Fluorene	15.75	166	10704	2.583	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	6607	2.655	ng	#	89
62) 4-Nitroaniline	15.79	138	2230	1.978	ng		85
63) Azobenzene	16.02	77	11022	2.440	ng		98
66) n-Nitrosodiphenylamine	15.95	169	10400	2.472	ng		90
67) 4-Bromophenyl-phenylether	16.63	248	4416	2.733	ng		94
68) Hexachlorobenzene	16.74	284	4451	2.671	ng		94
69) Atrazine	16.89	200	4144	2.640	ng		97
71) Phenanthrene	17.49	178	19779	2.640	ng		95
72) Anthracene	17.58	178	18973	2.615	ng		97
73) Carbazole	17.86	167	18557	2.577	ng	#	96
74) Di-n-butylphthalate	18.38	149	21455	2.550	ng	#	96
75) Fluoranthene	19.49	202	24461	2.794	ng		98
77) Benzidine	19.68	184	13523	2.345	ng		99
78) Pyrene	19.86	202	25801m	2.157	ng		
80) Butylbenzylphthalate	20.72	149	9951	2.069	ng		93
81) Benzo(a)anthracene	21.70	228	25004	2.380	ng		94
82) 3,3'-Dichlorobenzidine	21.62	252	9427	2.307	ng		87
83) Chrysene	21.77	228	25657	2.581	ng		94
84) Bis(2-ethylhexyl)phthalate	21.57	149	13653	2.003	ng	#	96
85) Di-n-octyl phthalate	22.80	149	22799	1.950	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.78	276	25901	2.292	ng	#	78
88) Benzo(b)fluoranthene	23.96	252	23275	2.194	ng		95
89) Benzo(k)fluoranthene	24.03	252	24137m	2.285	ng		
90) Benzo(a)pyrene	24.86	252	22374	2.174	ng		98
91) Dibenzo(a,h)anthracene	28.84	278	22136m	2.268	ng		
92) Benzo(g,h,i)perylene	29.97	276	21783	2.250	ng	#	91

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

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