Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034075.D
Acq On : 1 May 2018 12:33
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 17:16:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
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5/2/2018 4:50:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	54713	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	217548	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	174242	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	477986	20.00	ng		0.00
75) Chrysene-d12	21.76	240	568583	20.00	ng		0.00
86) Perylene-d12	25.05	264	542969	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	18094	5.28	ng		0.00
7) Phenol-d6	7.21	99	27374	5.48	ng		0.00
23) Nitrobenzene-d5	9.23	82	26278	6.87	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	12498	6.15	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	65472	5.52	ng		0.00
78) Terphenyl-d14	20.09	244	142420	5.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	4220	2.914	ng	#	62
4) n-Nitrosodimethylamine	3.87	42	5961	3.123	ng	#	82
6) Aniline	7.40	93	17777	2.661	ng	#	87
8) 2-Chlorophenol	7.63	128	8779	2.286	ng		88
10) Phenol	7.25	94	12513	2.444	ng	#	61
11) bis(2-Chloroethyl)ether	7.49	93	10704	2.733	ng	#	82
12) 1,3-Dichlorobenzene	7.96	146	12837	2.904	ng	#	80
13) 1,4-Dichlorobenzene	8.12	146	12058m	2.693	ng		
14) 1,2-Dichlorobenzene	8.43	146	11016	2.530	ng		90
15) Benzyl Alcohol	8.31	79	13403	3.075	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	14567	1.907	ng		76
17) 2-Methylphenol	8.50	107	8287	2.184	ng	#	73
18) Hexachloroethane	9.17	117	5305	3.243	ng	#	75
19) n-Nitroso-di-n-propylamine	8.88	70	12211	2.866	ng	#	87
20) 3+4-Methylphenols	8.83	107	12957	2.350	ng	#	78
22) Acetophenone	8.89	105	18383	3.105	ng	#	90
24) Nitrobenzene	9.28	77	14711	3.532	ng	#	79
25) Isophorone	9.80	82	31067	3.615	ng	#	92
26) 2-Nitrophenol	10.00	139	3561	2.164	ng	#	61
27) 2,4-Dimethylphenol	10.04	122	8036	2.610	ng	#	60
28) bis(2-Chloroethoxy)methane	10.29	93	15828	3.485	ng	#	87
29) 2,4-Dichlorophenol	10.52	162	9977	2.907	ng		79
30) 1,2,4-Trichlorobenzene	10.75	180	12330	3.208	ng	#	87
31) Naphthalene	10.94	128	28495	2.547	ng	#	85
33) 4-Chloroaniline	11.04	127	11679	2.221	ng	#	74
34) Hexachlorobutadiene	11.23	225	10578	4.600	ng		97
35) Caprolactam	11.78	113	3517	2.410	ng	#	60
36) 4-Chloro-3-methylphenol	12.15	107	12680	3.027	ng	#	74
37) 2-Methylnaphthalene	12.54	142	24440m	2.853	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	17399	3.007	ng	#	91
40) Hexachlorocyclopentadiene	12.89	237	10090	3.172	ng		92
42) 2,4,6-Trichlorophenol	13.15	196	10480	2.971	ng	#	73
43) 2,4,5-Trichlorophenol	13.21	196	11058	2.727	ng	#	94
45) 1,1'-Biphenyl	13.55	154	36278	2.572	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) 2-Chloronaphthalene	13.59	162	26107	2.441 ng		91
47) 2-Nitroaniline	13.78	65	8712	2.609 ng	#	77
48) Acenaphthylene	14.44	152	44756	2.518 ng		95
49) Dimethylphthalate	14.17	163	42073	2.745 ng		97
50) 2,6-Dinitrotoluene	14.28	165	5905	2.033 ng		92
51) Acenaphthene	14.78	154	28265	2.531 ng		92
52) 3-Nitroaniline	14.60	138	7290	2.311 ng	#	54
54) Dibenzofuran	15.12	168	43494	2.627 ng	#	91
55) 4-Nitrophenol	14.90	139	5357	2.166 ng	#	53
56) 2,4-Dinitrotoluene	15.06	165	7517	1.946 ng	#	83
57) Fluorene	15.77	166	40202	2.806 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.34	232	11788	3.175 ng		96
59) Diethylphthalate	15.54	149	41626	2.569 ng	#	92
60) 4-Chlorophenyl-phenylether	15.76	204	22501	3.003 ng		94
61) 4-Nitroaniline	15.76	138	7341	2.192 ng	#	65
62) Azobenzene	16.06	77	48013	3.325 ng		96
65) n-Nitrosodiphenylamine	15.97	169	33023	2.376 ng		96
66) 4-Bromophenyl-phenylether	16.65	248	15631	2.978 ng	#	85
67) Hexachlorobenzene	16.77	284	14376	2.568 ng	#	76
68) Atrazine	16.92	200	15726	2.889 ng		88
69) Pentachlorophenol	17.11	266	9324	2.425 ng		91
70) Phenanthrene	17.51	178	66302	2.586 ng		96
71) Anthracene	17.60	178	66398m	2.589 ng		
72) Carbazole	17.87	167	62074	2.509 ng		97
73) Di-n-butylphthalate	18.45	149	76372	2.482 ng	#	97
74) Fluoranthene	19.52	202	87531	2.822 ng		94
76) Benzidine	19.70	184	32766	2.134 ng		97
77) Pyrene	19.88	202	89946	2.412 ng		97
79) Butylbenzylphthalate	20.79	149	33582	2.051 ng	#	84
80) Benzo(a)anthracene	21.74	228	97280m	2.713 ng		
81) 3,3'-Dichlorobenzidine	21.65	252	35176	2.631 ng	#	92
82) Chrysene	21.81	228	92802	2.711 ng		93
83) Bis(2-ethylhexyl)phthalate	21.68	149	47328	2.046 ng	#	99
84) Di-n-octyl phthalate	22.94	149	73775	2.010 ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.79	276	88389m	2.268 ng		
87) Benzo(b)fluoranthene	24.01	252	89901	2.714 ng	#	87
88) Benzo(k)fluoranthene	24.08	252	84254	2.561 ng	#	90
89) Benzo(a)pyrene	24.89	252	79012	2.491 ng		95
90) Dibenzo(a,h)anthracene	28.88	278	79773	2.599 ng	#	80
91) Benzo(g,h,i)perylene	29.97	276	76277m	2.525 ng		

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

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