Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035767.D
Acq On : 20 Jul 2018 2:37
Operator : JU/SJ
Sample : J4035-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-3

Quant Time: Jul 20 03:40:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	46141	20.00	ng	-0.01
21) Naphthalene-d8	10.84	136	153613	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	101245	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	283843	20.00	ng	0.00
75) Chrysene-d12	21.66	240	340018	20.00	ng	-0.02
86) Perylene-d12	24.86	264	324555	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	344321	123.89	ng	0.00
7) Phenol-d6	7.20	99	444067	107.09	ng	0.00
23) Nitrobenzene-d5	9.19	82	352156	95.77	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	221826	166.23	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	778769	103.05	ng	-0.01
78) Terphenyl-d14	20.00	244	1682275	109.06	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	202	0.143	ng	# 1
3) Pyridine	3.90	79	70	0.019	ng	# 1
4) n-Nitrosodimethylamine	3.86	42	879	0.554	ng	# 1
6) Aniline	7.31	93	67	0.012	ng	# 41
8) 2-Chlorophenol	7.57	128	54	0.019	ng	# 1
9) Benzaldehyde	7.14	77	74	0.029	ng	# 5
10) Phenol	7.56	94	1047	0.250	ng	# 1
11) bis(2-Chloroethyl)ether	7.47	93	68	0.021	ng	# 16
12) 1,3-Dichlorobenzene	8.29	146	54	0.016	ng	# 26
13) 1,4-Dichlorobenzene	8.29	146	54	0.016	ng	# 23
14) 1,2-Dichlorobenzene	8.29	146	54	0.016	ng	# 25
15) Benzyl Alcohol	8.35	79	5841	1.551	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	8.54	45	479	0.174	ng	75
17) 2-Methylphenol	8.35	107	79	0.028	ng	# 1
18) Hexachloroethane	9.27	117	75	0.057	ng	# 1
20) 3+4-Methylphenols	8.35	107	79	0.020	ng	# 1
22) Acetophenone	8.84	105	251	0.053	ng	# 60
24) Nitrobenzene	9.25	77	72	0.019	ng	# 42
25) Isophorone	9.80	82	335	0.049	ng	# 69
28) bis(2-Chloroethoxy)methane	10.01	93	66	0.018	ng	# 51
31) Naphthalene	10.89	128	7532	0.941	ng	# 92
33) 4-Chloroaniline	10.89	127	1147	0.329	ng	# 63
34) Hexachlorobutadiene	11.39	225	70	0.029	ng	# 20
35) Caprolactam	11.49	113	63	0.058	ng	# 1
36) 4-Chloro-3-methylphenol	11.76	107	80	0.024	ng	# 22
37) 2-Methylnaphthalene	12.52	142	371	0.062	ng	# 74
39) 1,2,4,5-Tetrachlorobenzene	13.26	216	56	0.015	ng	# 1
45) 1,1'-Biphenyl	13.49	154	442	0.056	ng	# 72
46) 2-Chloronaphthalene	13.53	162	61	0.010	ng	# 39
47) 2-Nitroaniline	13.27	65	1068	0.495	ng	# 1
48) Acenaphthylene	14.38	152	64	0.006	ng	# 59
51) Acenaphthene	14.71	154	94	0.015	ng	# 5
52) 3-Nitroaniline	14.51	138	69	0.037	ng	# 1
54) Dibenzofuran	14.64	168	61	0.006	ng	# 46

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	14.63	139	58	0.044	ng	#	1
57) Fluorene	16.14	166	7439	0.876	ng	#	80
59) Diethylphthalate	15.48	149	558	0.061	ng	#	58
61) 4-Nitroaniline	15.83	138	82	0.042	ng	#	12
62) Azobenzene	15.91	77	55	0.006	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.13	198	773	0.489	ng	#	50
65) n-Nitrosodiphenylamine	16.14	169	8536	1.057	ng	#	54
68) Atrazine	17.26	200	87	0.026	ng	#	35
70) Phenanthrene	17.44	178	305	0.022	ng	#	60
71) Anthracene	17.55	178	62	0.004	ng	#	59
72) Carbazole	17.77	167	75	0.006	ng	#	1
73) Di-n-butylphthalate	18.36	149	1674	0.106	ng	#	78
74) Fluoranthene	19.47	202	961	0.050	ng		84
77) Pyrene	19.82	202	1424	0.066	ng	#	89
79) Butylbenzylphthalate	20.68	149	619	0.081	ng	#	73
80) Benzo(a)anthracene	21.66	228	1998	0.094	ng	#	60
81) 3,3'-Dichlorobenzidine	21.61	252	53	0.007	ng	#	26
82) Chrysene	21.70	228	346	0.018	ng	#	74
83) Bis(2-ethylhexyl)phthalate	21.54	149	1777	0.170	ng	#	91
84) Di-n-octyl phthalate	22.75	149	1300	0.074	ng	#	74
85) Indeno(1,2,3-cd)pyrene	28.65	276	81	0.004	ng	#	33
87) Benzo(b)fluoranthene	23.85	252	855	0.043	ng	#	59
88) Benzo(k)fluoranthene	23.91	252	873	0.045	ng	#	60
89) Benzo(a)pyrene	24.72	252	610	0.033	ng	#	59
90) Dibenzo(a,h)anthracene	28.65	278	66	0.004	ng	#	58
91) Benzo(g,h,i)perylene	29.76	276	89	0.005	ng	#	56

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

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