Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035603.D
Acq On : 12 Jul 2018 20:31
Operator : JU/SJ
Sample : PB110949BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110949BL

Quant Time: Jul 13 01:39:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	37961	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	148196	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	107528	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	308197	20.00	ng	0.00
75) Chrysene-d12	21.68	240	338549	20.00	ng	0.00
86) Perylene-d12	24.91	264	310704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	308033	134.72	ng	0.00
7) Phenol-d6	7.22	99	445756	130.67	ng	0.00
23) Nitrobenzene-d5	9.22	82	281467	79.34	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	184362	130.08	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	664253	82.76	ng	0.00
78) Terphenyl-d14	20.03	244	1315144	85.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	190	0.163	ng	# 1
3) Pyridine	3.99	79	56	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.87	42	179	0.137	ng	# 1
6) Aniline	7.39	93	129	0.029	ng	# 1
8) 2-Chlorophenol	7.60	128	120	0.052	ng	# 1
9) Benzaldehyde	7.22	77	1016	0.485	ng	# 5
10) Phenol	7.23	94	62	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.39	93	129	0.048	ng	# 16
12) 1,3-Dichlorobenzene	7.64	146	74	0.026	ng	# 26
13) 1,4-Dichlorobenzene	8.38	146	141	0.049	ng	# 1
14) 1,2-Dichlorobenzene	8.38	146	141	0.051	ng	# 1
15) Benzyl Alcohol	8.38	79	5839	1.885	ng	# 54
16) 2,2'-oxybis(1-Chloropropan	8.60	45	55	0.024	ng	75
18) Hexachloroethane	9.59	117	63	0.058	ng	# 1
22) Acetophenone	8.91	105	56	0.012	ng	# 50
24) Nitrobenzene	9.21	77	881	0.247	ng	# 36
25) Isophorone	9.49	82	226	0.034	ng	# 69
26) 2-Nitrophenol	9.83	139	54	0.043	ng	# 29
27) 2,4-Dimethylphenol	9.75	122	72	0.034	ng	# 1
28) bis(2-Chloroethoxy)methane	10.11	93	57	0.016	ng	# 51
29) 2,4-Dichlorophenol	10.42	162	55	0.022	ng	# 23
30) 1,2,4-Trichlorobenzene	10.73	180	53	0.018	ng	# 12
31) Naphthalene	10.97	128	54	0.007	ng	# 68
32) Benzoic acid	9.75	122	72	0.050	ng	# 1
33) 4-Chloroaniline	11.19	127	65	0.019	ng	# 16
34) Hexachlorobutadiene	11.60	225	78	0.033	ng	# 20
35) Caprolactam	11.72	113	56	0.053	ng	# 1
36) 4-Chloro-3-methylphenol	11.87	107	57	0.017	ng	# 22
42) 2,4,6-Trichlorophenol	13.35	196	61	0.026	ng	# 11
43) 2,4,5-Trichlorophenol	13.35	196	61	0.023	ng	# 17
45) 1,1'-Biphenyl	13.52	154	686	0.082	ng	# 31
47) 2-Nitroaniline	13.72	65	76	0.033	ng	# 9
48) Acenaphthylene	14.39	152	74	0.007	ng	# 59
49) Dimethylphthalate	14.52	163	97	0.010	ng	# 77

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.68	154	467	0.069	ng	#	5
52) 3-Nitroaniline	14.61	138	59	0.030	ng	#	1
54) Dibenzofuran	15.19	168	73	0.007	ng	#	46
55) 4-Nitrophenol	14.90	139	63	0.045	ng	#	1
57) Fluorene	16.16	166	5669	0.629	ng	#	68
59) Diethylphthalate	15.67	149	55	0.006	ng	#	58
60) 4-Chlorophenyl-phenylether	15.94	204	85	0.016	ng	#	30
62) Azobenzene	16.17	77	1275	0.133	ng	#	13
64) 4,6-Dinitro-2-methylphenol	15.50	198	63	0.037	ng	#	29
65) n-Nitrosodiphenylamine	16.17	169	7347	0.838	ng	#	44
67) Hexachlorobenzene	17.09	284	59	0.016	ng	#	41
68) Atrazine	17.23	200	65	0.018	ng	#	35
69) Pentachlorophenol	17.16	266	55	0.025	ng	#	19
70) Phenanthrene	17.42	178	66	0.004	ng	#	1
71) Anthracene	17.54	178	65	0.004	ng	#	2
72) Carbazole	17.52	167	75	0.005	ng	#	59
73) Di-n-butylphthalate	18.37	149	478	0.028	ng	#	78
74) Fluoranthene	19.80	202	146	0.007	ng		65
77) Pyrene	20.02	202	5186	0.242	ng	#	64
79) Butylbenzylphthalate	20.71	149	63	0.008	ng	#	20
80) Benzo(a)anthracene	21.68	228	942	0.045	ng	#	63
81) 3,3'-Dichlorobenzidine	21.65	252	74	0.010	ng	#	26
82) Chrysene	21.73	228	59	0.003	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.57	149	287	0.028	ng	#	50
84) Di-n-octyl phthalate	22.78	149	337	0.019	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.63	276	59	0.003	ng	#	53
87) Benzo(b)fluoranthene	23.88	252	72	0.004	ng	#	59
88) Benzo(k)fluoranthene	23.95	252	55	0.003	ng	#	60
89) Benzo(a)pyrene	24.74	252	244	0.014	ng	#	59
90) Dibenzo(a,h)anthracene	28.36	278	54	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.74	276	57	0.003	ng	#	56

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

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