Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034108.D
Acq On : 2 May 2018 9:55
Operator : SJ/JU
Sample : J2158-08
Misc : 8PPM MDL
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-042718

Quant Time: May 02 14:01:09 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 19:08:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	102292	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	399585	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	300903	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	859607	20.00	ng		0.00
75) Chrysene-d12	21.77	240	1054320	20.00	ng		0.00
86) Perylene-d12	25.06	264	1031784	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	651435	102.89	ng		0.00
7) Phenol-d6	7.22	99	872423	88.51	ng		0.00
23) Nitrobenzene-d5	9.24	82	769832	73.92	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	464907	111.58	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1485928	71.96	ng		0.00
78) Terphenyl-d14	20.09	244	3074344	63.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	78	0.029	ng	#	1
3) Pyridine	3.95	79	178	0.021	ng	#	23
4) n-Nitrosodimethylamine	3.87	42	1284	0.282	ng	#	1
6) Aniline	7.41	93	1771	0.132	ng	#	57
8) 2-Chlorophenol	7.64	128	134	0.021	ng	#	2
10) Phenol	7.25	94	238	0.024	ng	#	1
11) bis(2-Chloroethyl)ether	7.51	93	113	0.014	ng	#	16
12) 1,3-Dichlorobenzene	8.08	146	92	0.012	ng	#	1
13) 1,4-Dichlorobenzene	8.10	146	136	0.017	ng	#	16
14) 1,2-Dichlorobenzene	8.43	146	67	0.009	ng	#	25
15) Benzyl Alcohol	8.40	79	15693	1.492	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	8.57	45	502	0.047	ng		75
17) 2-Methylphenol	8.39	107	259	0.040	ng	#	1
18) Hexachloroethane	9.15	117	68	0.020	ng	#	1
20) 3+4-Methylphenols	8.83	107	168	0.017	ng	#	37
22) Acetophenone	8.90	105	1176	0.086	ng	#	65
24) Nitrobenzene	9.24	77	3847	0.337	ng	#	42
25) Isophorone	9.82	82	80	0.004	ng	#	69
26) 2-Nitrophenol	10.01	139	64	0.020	ng	#	29
27) 2,4-Dimethylphenol	10.04	122	194	0.032	ng	#	1
28) bis(2-Chloroethoxy)methane	10.26	93	117	0.011	ng	#	1
29) 2,4-Dichlorophenol	10.59	162	146	0.020	ng	#	23
30) 1,2,4-Trichlorobenzene	10.90	180	90	0.010	ng	#	12
31) Naphthalene	10.93	128	19965	0.951	ng		99
33) 4-Chloroaniline	11.04	127	652	0.069	ng	#	44
34) Hexachlorobutadiene	11.30	225	163	0.022	ng	#	53
35) Caprolactam	11.82	113	69	0.027	ng	#	1
36) 4-Chloro-3-methylphenol	12.15	107	79	0.008	ng	#	22
37) 2-Methylnaphthalene	12.54	142	3194	0.188	ng	#	73
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	137	0.012	ng	#	11
40) Hexachlorocyclopentadiene	13.26	237	120	0.017	ng		75
42) 2,4,6-Trichlorophenol	13.23	196	67	0.010	ng	#	11
43) 2,4,5-Trichlorophenol	13.23	196	67	0.009	ng	#	17
45) 1,1'-Biphenyl	13.55	154	3925	0.167	ng		76

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.57	162	79	0.004	ng	#	39
47) 2-Nitroaniline	13.78	65	156	0.022	ng	#	32
48) Acenaphthylene	14.43	152	1129	0.040	ng	#	83
51) Acenaphthene	14.78	154	3970	0.206	ng		86
52) 3-Nitroaniline	14.63	138	66	0.013	ng	#	1
53) 2,4-Dinitrophenol	14.84	184	134	0.068	ng	#	1
54) Dibenzofuran	15.12	168	3484	0.124	ng	#	84
55) 4-Nitrophenol	14.87	139	99	0.026	ng	#	1
57) Fluorene	15.77	166	2707	0.111	ng	#	52
58) 2,3,4,6-Tetrachlorophenol	15.26	232	81	0.010	ng	#	37
59) Diethylphthalate	15.54	149	580	0.021	ng	#	80
60) 4-Chlorophenyl-phenylether	15.75	204	120	0.008	ng	#	30
61) 4-Nitroaniline	15.76	138	222	0.041	ng	#	12
62) Azobenzene	16.06	77	333	0.011	ng	#	23
64) 4,6-Dinitro-2-methylphenol	15.85	198	97	0.024	ng	#	45
65) n-Nitrosodiphenylamine	16.20	169	19861	0.847	ng	#	45
67) Hexachlorobenzene	16.81	284	82	0.008	ng	#	41
68) Atrazine	16.98	200	72	0.922	ng	#	35
69) Pentachlorophenol	17.10	266	66	0.009	ng	#	19
70) Phenanthrene	17.51	178	8915	0.202	ng	#	92
71) Anthracene	17.60	178	1175	0.026	ng	#	80
72) Carbazole	17.86	167	459	0.011	ng	#	59
73) Di-n-butylphthalate	18.44	149	1495	0.030	ng	#	78
74) Fluoranthene	19.52	202	1443	0.026	ng		65
76) Benzidine	19.70	184	274530	10.109	ng		99
77) Pyrene	19.89	202	1618	0.024	ng	#	57
79) Butylbenzylphthalate	20.81	149	306	0.012	ng	#	20
80) Benzo(a)anthracene	21.77	228	3205	0.047	ng	#	85
81) 3,3'-Dichlorobenzidine	21.66	252	139	0.005	ng	#	26
82) Chrysene	21.80	228	362	0.006	ng	#	21
83) Bis(2-ethylhexyl)phthalate	21.65	149	1071	0.030	ng	#	50
84) Di-n-octyl phthalate	22.93	149	353	0.006	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.82	276	145	0.002	ng	#	53
87) Benzo(b)fluoranthene	24.01	252	245	0.004	ng	#	59
88) Benzo(k)fluoranthene	24.09	252	67	0.001	ng	#	1
89) Benzo(a)pyrene	24.78	252	279	0.005	ng	#	59
90) Dibenzo(a,h)anthracene	28.95	278	66	0.001	ng	#	58
91) Benzo(g,h,i)perylene	30.03	276	53	0.001	ng	#	56

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

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