Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034122.D
Acq On : 2 May 2018 18:51
Operator : SJ/JU
Sample : J2157-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-043018-A

Quant Time: May 03 05:12:47 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	8.07	152	72279	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	267142	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	205201	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	587113	20.00	ng		0.00
75) Chrysene-d12	21.76	240	723023	20.00	ng		0.00
86) Perylene-d12	25.04	264	697989	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	624866	139.67	ng		0.00
7) Phenol-d6	7.22	99	843128	121.06	ng		0.00
23) Nitrobenzene-d5	9.23	82	720890	103.54	ng		0.00
41) 2,4,6-Tribromophenol	16.20	330	452008	159.08	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1363508	96.82	ng		0.00
78) Terphenyl-d14	20.09	244	3031977	91.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	209	0.111	ng	#	1
3) Pyridine	3.93	79	108	0.018	ng	#	30
4) n-Nitrosodimethylamine	3.85	42	1741	0.542	ng	#	5
6) Aniline	7.40	93	832	0.088	ng	#	72
8) 2-Chlorophenol	7.61	128	1191	0.267	ng	#	1
10) Phenol	7.24	94	541	0.077	ng	#	1
11) bis(2-Chloroethyl)ether	7.48	93	57	0.010	ng	#	1
12) 1,3-Dichlorobenzene	7.96	146	131	0.023	ng	#	26
13) 1,4-Dichlorobenzene	8.11	146	59	0.011	ng	#	23
14) 1,2-Dichlorobenzene	8.44	146	55	0.010	ng	#	25
15) Benzyl Alcohol	8.40	79	14475	1.948	ng	#	34
16) 2,2'-oxybis(1-Chloropropan	8.60	45	246	0.032	ng		75
17) 2-Methylphenol	8.50	107	69	0.015	ng	#	13
18) Hexachloroethane	9.20	117	78	0.033	ng	#	1
20) 3+4-Methylphenols	8.86	107	85	0.012	ng	#	24
22) Acetophenone	8.90	105	1162	0.128	ng	#	65
24) Nitrobenzene	9.29	77	193	0.025	ng	#	74
25) Isophorone	9.75	82	179	0.013	ng	#	69
26) 2-Nitrophenol	9.99	139	71	0.034	ng	#	55
27) 2,4-Dimethylphenol	10.06	122	78	0.019	ng	#	48
28) bis(2-Chloroethoxy)methane	10.29	93	68	0.010	ng	#	51
29) 2,4-Dichlorophenol	10.51	162	80	0.016	ng	#	23
30) 1,2,4-Trichlorobenzene	10.76	180	91	0.015	ng	#	12
31) Naphthalene	10.94	128	5028	0.358	ng	#	77
33) 4-Chloroaniline	11.05	127	76	0.012	ng	#	46
34) Hexachlorobutadiene	11.14	225	55	0.011	ng	#	20
35) Caprolactam	11.84	113	107	0.062	ng	#	44
36) 4-Chloro-3-methylphenol	12.13	107	221	0.035	ng	#	7
37) 2-Methylnaphthalene	12.54	142	1200	0.105	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	127	0.016	ng	#	21
40) Hexachlorocyclopentadiene	13.24	237	99	0.021	ng		85
42) 2,4,6-Trichlorophenol	13.14	196	87	0.019	ng	#	11
43) 2,4,5-Trichlorophenol	13.25	196	54	0.011	ng	#	17
45) 1,1'-Biphenyl	13.55	154	4115	0.257	ng		79

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.58	162	68	0.006	ng	#	1
47) 2-Nitroaniline	13.77	65	174	0.036	ng	#	9
48) Acenaphthylene	14.43	152	539	0.028	ng	#	59
49) Dimethylphthalate	14.31	163	299	0.017	ng	#	77
51) Acenaphthene	14.78	154	1018	0.077	ng	#	55
52) 3-Nitroaniline	14.62	138	56	0.016	ng	#	1
53) 2,4-Dinitrophenol	14.80	184	63	0.047	ng	#	51
54) Dibenzofuran	15.12	168	714	0.037	ng	#	75
55) 4-Nitrophenol	14.89	139	98	0.037	ng	#	1
57) Fluorene	15.77	166	651	0.039	ng	#	1
58) 2,3,4,6-Tetrachlorophenol	15.36	232	94	0.018	ng	#	40
59) Diethylphthalate	15.53	149	1028	0.055	ng	#	55
60) 4-Chlorophenyl-phenylether	15.73	204	96	0.010	ng	#	30
61) 4-Nitroaniline	15.79	138	225	0.062	ng	#	12
62) Azobenzene	16.07	77	192	0.009	ng	#	62
64) 4,6-Dinitro-2-methylphenol	16.06	198	113	0.041	ng		94
65) n-Nitrosodiphenylamine	16.20	169	18705	1.168	ng	#	50
67) Hexachlorobenzene	16.71	284	54	0.007	ng	#	1
68) Atrazine	16.91	200	97	0.927	ng	#	35
69) Pentachlorophenol	17.05	266	70	0.014	ng	#	19
70) Phenanthrene	17.50	178	2245	0.074	ng	#	89
71) Anthracene	17.61	178	145	0.005	ng	#	59
72) Carbazole	17.87	167	1136	0.041	ng	#	52
73) Di-n-butylphthalate	18.44	149	3037	0.090	ng	#	81
74) Fluoranthene	19.52	202	966	0.025	ng		67
77) Pyrene	19.87	202	591	0.013	ng	#	57
79) Butylbenzylphthalate	20.78	149	107	0.006	ng	#	1
80) Benzo(a)anthracene	21.76	228	2350	0.051	ng	#	73
81) 3,3'-Dichlorobenzidine	21.66	252	229	0.013	ng	#	26
82) Chrysene	21.81	228	97	0.002	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.66	149	1489	0.061	ng	#	50
84) Di-n-octyl phthalate	22.94	149	756	0.019	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.82	276	58	0.001	ng	#	1
87) Benzo(b)fluoranthene	24.01	252	56	0.001	ng	#	1
88) Benzo(k)fluoranthene	24.09	252	54	0.001	ng	#	1
89) Benzo(a)pyrene	24.92	252	89	0.002	ng	#	59
90) Dibenzo(a,h)anthracene	28.90	278	137	0.004	ng	#	58
91) Benzo(g,h,i)perylene	30.00	276	62	0.002	ng	#	56

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

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