Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035766.D
Acq On : 20 Jul 2018 1:58
Operator : JU/SJ
Sample : J4035-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-2

Quant Time: Jul 20 03:37:32 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	49328	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	173826	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	116255	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	317812	20.00	ng		0.00
75) Chrysene-d12	21.65	240	380561	20.00	ng		-0.02
86) Perylene-d12	24.86	264	360792	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	385713	129.82	ng		0.00
7) Phenol-d6	7.20	99	478235	107.88	ng		0.00
23) Nitrobenzene-d5	9.19	82	399821	96.09	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	248103	161.91	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	885369	102.03	ng		0.00
78) Terphenyl-d14	20.00	244	1779474	103.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	188	0.124	ng	#	1
3) Pyridine	3.93	79	57	0.014	ng	#	15
4) n-Nitrosodimethylamine	3.85	42	707	0.417	ng	#	1
6) Aniline	7.50	93	58	0.010	ng	#	41
8) 2-Chlorophenol	7.57	128	133	0.044	ng	#	1
9) Benzaldehyde	7.21	77	1066	0.392	ng	#	5
10) Phenol	7.57	94	1171	0.261	ng	#	1
11) bis(2-Chloroethyl)ether	7.50	93	58	0.017	ng	#	16
12) 1,3-Dichlorobenzene	8.03	146	71	0.019	ng	#	1
13) 1,4-Dichlorobenzene	8.03	146	71	0.019	ng	#	1
14) 1,2-Dichlorobenzene	8.36	146	363	0.102	ng	#	1
15) Benzyl Alcohol	8.35	79	6864	1.705	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	8.57	45	267	0.091	ng		75
17) 2-Methylphenol	8.37	107	78	0.026	ng	#	1
18) Hexachloroethane	9.16	117	80	0.056	ng	#	1
20) 3+4-Methylphenols	8.85	107	74	0.018	ng	#	1
22) Acetophenone	8.85	105	263	0.049	ng	#	50
24) Nitrobenzene	9.19	77	1272	0.304	ng	#	46
25) Isophorone	9.77	82	717	0.093	ng	#	69
26) 2-Nitrophenol	9.51	139	63	0.042	ng	#	29
27) 2,4-Dimethylphenol	10.24	122	82	0.033	ng	#	1
28) bis(2-Chloroethoxy)methane	10.55	93	57	0.013	ng	#	51
29) 2,4-Dichlorophenol	10.56	162	60	0.021	ng	#	23
30) 1,2,4-Trichlorobenzene	10.55	180	85	0.024	ng	#	12
31) Naphthalene	10.88	128	90380	9.981	ng		99
32) Benzoic acid	10.24	122	82	0.048	ng	#	19
34) Hexachlorobutadiene	11.20	225	104	0.038	ng	#	20
35) Caprolactam	11.81	113	55	0.045	ng	#	1
36) 4-Chloro-3-methylphenol	11.69	107	55	0.014	ng	#	22
37) 2-Methylnaphthalene	12.51	142	6142	0.910	ng		91
40) Hexachlorocyclopentadiene	12.43	237	59	0.026	ng	#	22
45) 1,1'-Biphenyl	13.49	154	2512	0.279	ng		90
46) 2-Chloronaphthalene	13.28	162	100	0.014	ng	#	1
47) 2-Nitroaniline	13.70	65	56	0.023	ng	#	9

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.38	152	5094	0.434	ng	#	95
49) Dimethylphthalate	14.14	163	77	0.008	ng	#	77
51) Acenaphthene	14.72	154	2062	0.282	ng	#	59
52) 3-Nitroaniline	15.05	138	55	0.026	ng	#	1
54) Dibenzofuran	15.08	168	4563	0.392	ng	#	87
55) 4-Nitrophenol	15.07	139	2020	1.338	ng	#	1
57) Fluorene	15.70	166	3339	0.342	ng	#	80
58) 2,3,4,6-Tetrachlorophenol	14.85	232	58	0.021	ng	#	40
59) Diethylphthalate	15.46	149	529	0.051	ng	#	42
61) 4-Nitroaniline	15.74	138	54	0.024	ng	#	12
62) Azobenzene	15.99	77	53	0.005	ng	#	48
64) 4,6-Dinitro-2-methylphenol	16.14	198	719	0.406	ng	#	1
65) n-Nitrosodiphenylamine	16.14	169	10980	1.214	ng	#	45
67) Hexachlorobenzene	17.18	284	75	0.020	ng	#	41
68) Atrazine	16.90	200	59	0.016	ng	#	35
70) Phenanthrene	17.44	178	7428	0.468	ng		94
71) Anthracene	17.44	178	7428	0.470	ng		95
72) Carbazole	17.85	167	821	0.055	ng	#	59
73) Di-n-butylphthalate	18.36	149	2238	0.126	ng	#	78
74) Fluoranthene	19.46	202	1962	0.092	ng		85
77) Pyrene	19.82	202	2327	0.097	ng	#	69
79) Butylbenzylphthalate	20.69	149	376	0.044	ng	#	77
80) Benzo(a)anthracene	21.65	228	2402	0.101	ng	#	50
81) 3,3'-Dichlorobenzidine	21.54	252	57	0.007	ng	#	26
82) Chrysene	21.70	228	514	0.023	ng	#	49
83) Bis(2-ethylhexyl)phthalate	21.54	149	1976	0.169	ng	#	92
84) Di-n-octyl phthalate	22.74	149	2052	0.105	ng	#	1
85) Indeno(1,2,3-cd)pyrene	28.55	276	56	0.002	ng	#	53
87) Benzo(b)fluoranthene	23.85	252	794	0.036	ng	#	93
88) Benzo(k)fluoranthene	23.93	252	1121	0.052	ng	#	60
89) Benzo(a)pyrene	24.73	252	478	0.023	ng	#	59
90) Dibenzo(a,h)anthracene	28.52	278	67	0.003	ng	#	58
91) Benzo(g,h,i)perylene	29.68	276	55	0.003	ng	#	56

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

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