Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
Data File : BG032693.D
Acq On : 14 Feb 2018 22:39
Operator : SJ/JU
Sample : PB106539BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106539BSD

Quant Time: Feb 15 02:55:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	30385	20.00	ng	-0.02
21) Naphthalene-d8	11.54	136	120082	20.00	ng	-0.01
38) Acenaphthene-d10	15.30	164	88260	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	238851	20.00	ng	-0.01
75) Chrysene-d12	22.35	240	299493	20.00	ng	-0.02
86) Perylene-d12	25.98	264	329541	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	108985	71.96	ng	-0.01
7) Phenol-d6	7.79	99	158465	76.52	ng	0.00
23) Nitrobenzene-d5	9.84	82	129594	68.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.78	330	144082	106.02	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	605983	85.86	ng	-0.01
78) Terphenyl-d14	20.58	244	1129591	85.96	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.76	88	14359	22.665	ng	# 78
3) Pyridine	4.21	79	39564	24.347	ng	# 78
4) n-Nitrosodimethylamine	4.13	42	22272	29.169	ng	# 61
6) Aniline	7.95	93	29194	11.928	ng	93
8) 2-Chlorophenol	8.21	128	80112	46.002	ng	# 81
9) Benzaldehyde	7.76	77	11793	9.636	ng	94
10) Phenol	7.81	94	80125	39.783	ng	88
11) bis(2-Chloroethyl)ether	8.05	93	53339	33.035	ng	# 82
12) 1,3-Dichlorobenzene	8.54	146	93205	37.948	ng	97
13) 1,4-Dichlorobenzene	8.69	146	95751	39.460	ng	95
14) 1,2-Dichlorobenzene	9.02	146	94708	38.697	ng	98
15) Benzyl Alcohol	8.90	79	61816	39.826	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.18	45	55905	32.171	ng	60
17) 2-Methylphenol	9.10	107	58117	40.746	ng	95
18) Hexachloroethane	9.77	117	33865	38.222	ng	# 83
19) n-Nitroso-di-n-propylamine	9.47	70	49943	35.874	ng	# 93
20) 3+4-Methylphenols	9.44	107	80966	37.558	ng	94
22) Acetophenone	9.50	105	108026	42.299	ng	# 94
24) Nitrobenzene	9.90	77	58476	29.559	ng	# 90
25) Isophorone	10.41	82	141786	39.360	ng	# 87
26) 2-Nitrophenol	10.63	139	43262	40.888	ng	# 80
27) 2,4-Dimethylphenol	10.66	122	79191	56.968	ng	96
28) bis(2-Chloroethoxy)methane	10.90	93	77289	41.970	ng	# 92
29) 2,4-Dichlorophenol	11.17	162	103962	51.098	ng	87
30) 1,2,4-Trichlorobenzene	11.39	180	116567	40.867	ng	# 96
31) Naphthalene	11.58	128	247261	42.406	ng	99
32) Benzoic acid	10.78	122	32225	30.671	ng	90
33) 4-Chloroaniline	11.68	127	35156	15.196	ng	97
34) Hexachlorobutadiene	11.85	225	91571	39.172	ng	94
35) Caprolactam	12.45	113	28436	49.217	ng	# 49
36) 4-Chloro-3-methylphenol	12.78	107	92376	50.476	ng	# 87
37) 2-Methylnaphthalene	13.15	142	208942	44.178	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.51	216	169451	40.649	ng	96
40) Hexachlorocyclopentadiene	13.48	237	217297	82.370	ng	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	105427	50.671	ng		97
43) 2,4,5-Trichlorophenol	13.82	196	114816	44.282	ng	#	91
45) 1,1'-Biphenyl	14.13	154	303466	41.787	ng		97
46) 2-Chloronaphthalene	14.19	162	238995	41.589	ng		97
47) 2-Nitroaniline	14.38	65	54120	43.295	ng	#	77
48) Acenaphthylene	15.03	152	332100	39.281	ng		98
49) Dimethylphthalate	14.73	163	318625	41.764	ng		98
50) 2,6-Dinitrotoluene	14.86	165	65909	41.948	ng	#	77
51) Acenaphthene	15.36	154	247805	42.919	ng		100
52) 3-Nitroaniline	15.19	138	29834	21.502	ng	#	67
53) 2,4-Dinitrophenol	15.39	184	41338	53.243	ng	#	70
54) Dibenzofuran	15.69	168	385294	44.853	ng		97
55) 4-Nitrophenol	15.49	139	98008	94.195	ng	#	75
56) 2,4-Dinitrotoluene	15.64	165	103532	47.823	ng	#	69
57) Fluorene	16.34	166	319241	45.190	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.91	232	126027	51.626	ng	#	84
59) Diethylphthalate	16.07	149	325192	43.807	ng		97
60) 4-Chlorophenyl-phenylether	16.31	204	205307	44.017	ng		95
61) 4-Nitroaniline	16.35	138	55806	39.011	ng		81
62) Azobenzene	16.61	77	204343	42.845	ng	#	83
64) 4,6-Dinitro-2-methylphenol	16.40	198	43690	27.539	ng		73
65) n-Nitrosodiphenylamine	16.53	169	288510	41.186	ng		99
66) 4-Bromophenyl-phenylether	17.21	248	147257	43.079	ng		95
67) Hexachlorobenzene	17.34	284	156834	42.718	ng	#	91
68) Atrazine	17.45	200	138444	46.078	ng		98
69) Pentachlorophenol	17.67	266	151064	67.210	ng		98
70) Phenanthrene	18.08	178	535694	41.751	ng		100
71) Anthracene	18.16	178	564255	42.980	ng		97
72) Carbazole	18.43	167	465914	41.624	ng		98
73) Di-n-butylphthalate	18.94	149	540530	42.888	ng		100
74) Fluoranthene	20.04	202	699632	40.845	ng		94
76) Benzidine	20.21	184	166715	23.640	ng		98
77) Pyrene	20.40	202	728544	40.889	ng		99
79) Butylbenzylphthalate	21.26	149	255657	43.557	ng	#	75
80) Benzo(a)anthracene	22.34	228	796489	42.476	ng		99
81) 3,3'-Dichlorobenzidine	22.22	252	146931	20.981	ng	#	95
82) Chrysene	22.41	228	751817	40.661	ng		99
83) Bis(2-ethylhexyl)phthalate	22.18	149	336909	39.805	ng	#	97
84) Di-n-octyl phthalate	23.53	149	572621	43.121	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.20	276	936216	42.742	ng	#	85
87) Benzo(b)fluoranthene	24.83	252	811573	41.325	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	809183	39.812	ng	#	94
89) Benzo(a)pyrene	25.82	252	773147	40.410	ng	#	94
90) Dibenzo(a,h)anthracene	30.26	278	783017	41.109	ng	#	94
91) Benzo(g,h,i)perylene	31.53	276	775977	42.144	ng	#	90

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

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