Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
Data File : BG032960.D
Acq On : 3 Mar 2018 00:10
Operator : SJ/JU
Sample : PB107023BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107023BS

Manual Integrations APPROVED
Sohil
3/5/2018 3:18:15 PM

Quant Time: Mar 03 04:37:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	57586	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	254399	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	153107	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	348869	20.00	ng		0.00
75) Chrysene-d12	22.62	240	316403	20.00	ng		0.00
86) Perylene-d12	26.42	264	338338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	409370	113.73	ng		0.00
7) Phenol-d6	8.01	99	546050	108.84	ng		0.00
23) Nitrobenzene-d5	10.11	82	312573	85.23	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	188106	116.85	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	714192	67.28	ng		0.00
78) Terphenyl-d14	20.78	244	1052971	74.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	47787	30.591	ng		91
3) Pyridine	4.42	79	132352	30.739	ng		99
4) n-Nitrosodimethylamine	4.32	42	70900	41.072	ng	#	89
6) Aniline	8.21	93	84083	12.381	ng		98
8) 2-Chlorophenol	8.46	128	149806	38.024	ng		94
9) Benzaldehyde	8.01	77	52415	18.127	ng		91
10) Phenol	8.04	94	191654	37.895	ng		93
11) bis(2-Chloroethyl)ether	8.29	93	134387	32.495	ng		94
12) 1,3-Dichlorobenzene	8.80	146	144734	31.365	ng		97
13) 1,4-Dichlorobenzene	8.95	146	147646	31.786	ng		94
14) 1,2-Dichlorobenzene	9.29	146	140508	31.567	ng		98
15) Benzyl Alcohol	9.15	79	126137	34.198	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.44	45	240199	33.786	ng		99
17) 2-Methylphenol	9.34	107	128341	34.413	ng		95
18) Hexachloroethane	10.04	117	53093	33.571	ng	#	85
19) n-Nitroso-di-n-propylamine	9.73	70	108547	30.646	ng	#	93
20) 3+4-Methylphenols	9.67	107	178520	34.426	ng		94
22) Acetophenone	9.76	105	206974	32.215	ng	#	97
24) Nitrobenzene	10.16	77	153281	39.140	ng		92
25) Isophorone	10.68	82	301153	33.727	ng		95
26) 2-Nitrophenol	10.88	139	74043	50.706	ng		94
27) 2,4-Dimethylphenol	10.91	122	158158	40.773	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	184338	35.437	ng		94
29) 2,4-Dichlorophenol	11.42	162	138090	39.224	ng		99
30) 1,2,4-Trichlorobenzene	11.65	180	129916	31.481	ng		98
31) Naphthalene	11.85	128	441776	33.233	ng		99
32) Benzoic acid	11.00	122	85276	38.857	ng	#	84
33) 4-Chloroaniline	11.94	127	79114	13.310	ng		97
34) Hexachlorobutadiene	12.12	225	70689	30.538	ng		98
35) Caprolactam	12.68	113	57544	40.821	ng	#	88
36) 4-Chloro-3-methylphenol	13.00	107	168160	41.046	ng		93
37) 2-Methylnaphthalene	13.40	142	327145	34.016	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	138238	30.415	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	168827	72.886	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	110112	38.417 ng		95
43) 2,4,5-Trichlorophenol	14.04	196	122392	36.894 ng	#	97
45) 1,1'-Biphenyl	14.37	154	421343	31.492 ng		96
46) 2-Chloronaphthalene	14.43	162	315833	31.602 ng		97
47) 2-Nitroaniline	14.61	65	115259	46.195 ng		92
48) Acenaphthylene	15.26	152	532359	32.535 ng		99
49) Dimethylphthalate	14.95	163	432640	33.279 ng		100
50) 2,6-Dinitrotoluene	15.08	165	97227	45.707 ng		91
51) Acenaphthene	15.60	154	349329	34.280 ng		98
52) 3-Nitroaniline	15.41	138	61629	27.057 ng	#	88
53) 2,4-Dinitrophenol	15.61	184	57010	82.785 ng	#	49
54) Dibenzofuran	15.92	168	499288	34.410 ng		95
55) 4-Nitrophenol	15.68	139	159194	75.241 ng		84
56) 2,4-Dinitrotoluene	15.86	165	136637	52.969 ng		85
57) Fluorene	16.56	166	409952	34.231 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	105947m	41.135 ng		
59) Diethylphthalate	16.29	149	467214	34.074 ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	201632	34.417 ng		93
61) 4-Nitroaniline	16.56	138	99844	36.859 ng		83
62) Azobenzene	16.83	77	426843	34.797 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	53064	50.973 ng		97
65) n-Nitrosodiphenylamine	16.75	169	382129	33.670 ng		100
66) 4-Bromophenyl-phenylether	17.43	248	121563	32.954 ng	#	88
67) Hexachlorobenzene	17.56	284	126039	31.617 ng		94
68) Atrazine	17.67	200	129618	34.697 ng		96
69) Pentachlorophenol	17.90	266	164007	65.316 ng		99
70) Phenanthrene	18.30	178	666982	34.268 ng		98
71) Anthracene	18.39	178	681402	34.872 ng		99
72) Carbazole	18.64	167	635200	32.980 ng		98
73) Di-n-butylphthalate	19.14	149	796902	33.726 ng		99
74) Fluoranthene	20.25	202	736488	34.255 ng		94
76) Benzidine	20.41	184	174675	16.196 ng		97
77) Pyrene	20.61	202	745712	33.421 ng		98
79) Butylbenzylphthalate	21.48	149	366746	37.072 ng		89
80) Benzo(a)anthracene	22.59	228	701859	34.592 ng		100
81) 3,3'-Dichlorobenzidine	22.48	252	124674	16.591 ng	#	98
82) Chrysene	22.67	228	658925	33.998 ng		99
83) Bis(2-ethylhexyl)phthalate	22.42	149	523182	35.728 ng	#	95
84) Di-n-octyl phthalate	23.84	149	898745	40.265 ng		99
85) Indeno(1,2,3-cd)pyrene	30.84	276	747144	33.055 ng		97
87) Benzo(b)fluoranthene	25.20	252	688419	34.413 ng	#	97
88) Benzo(k)fluoranthene	25.28	252	695759	34.995 ng	#	96
89) Benzo(a)pyrene	26.25	252	675761	35.515 ng	#	96
90) Dibenzo(a,h)anthracene	30.93	278	613450	32.030 ng	#	93
91) Benzo(g,h,i)perylene	32.24	276	631745	33.461 ng	#	90

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

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