Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012518\
Data File : BG032310.D
Acq On : 26 Jan 2018 1:33
Operator : SJ/JU
Sample : PB105983BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB105983BS

Manual Integrations APPROVED
Sohil
1/26/2018 4:03:59 PM

Quant Time: Jan 26 03:47:21 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	35240	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	142587	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	105728	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	285224	20.00	ng		0.00
75) Chrysene-d12	22.42	240	352711	20.00	ng		0.00
86) Perylene-d12	26.10	264	386633	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	191050	99.15	ng		0.00
7) Phenol-d6	7.84	99	244231	100.64	ng		0.00
23) Nitrobenzene-d5	9.92	82	146835	69.67	ng		0.00
41) 2,4,6-Tribromophenol	16.83	330	190532	108.90	ng		0.00
44) 2-Fluorobiphenyl	13.98	172	558633	65.52	ng		0.00
78) Terphenyl-d14	20.63	244	1125041	70.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	17092	23.090	ng	#	76
3) Pyridine	4.26	79	46362	23.464	ng	#	78
4) n-Nitrosodimethylamine	4.17	42	26727	38.502	ng	#	78
6) Aniline	8.01	93	32648	10.666	ng		92
8) 2-Chlorophenol	8.27	128	73420	34.052	ng		82
9) Benzaldehyde	7.82	77	31284	22.250	ng		87
10) Phenol	7.87	94	78182	32.706	ng		91
11) bis(2-Chloroethyl)ether	8.11	93	52835	27.588	ng		85
12) 1,3-Dichlorobenzene	8.61	146	81826	28.997	ng		97
13) 1,4-Dichlorobenzene	8.76	146	83142	29.262	ng		94
14) 1,2-Dichlorobenzene	9.09	146	80132	29.159	ng		97
15) Benzyl Alcohol	8.96	79	63232	35.868	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.25	45	52242	26.842	ng		78
17) 2-Methylphenol	9.16	107	56968	31.183	ng		96
18) Hexachloroethane	9.85	117	27684	31.704	ng	#	87
19) n-Nitroso-di-n-propylamine	9.53	70	44128	29.308	ng	#	92
20) 3+4-Methylphenols	9.49	107	78086	30.854	ng		96
22) Acetophenone	9.56	105	95960	29.628	ng	#	91
24) Nitrobenzene	9.96	77	69853	33.227	ng		94
25) Isophorone	10.49	82	127323	32.444	ng	#	86
26) 2-Nitrophenol	10.69	139	43770	35.138	ng		88
27) 2,4-Dimethylphenol	10.73	122	73481	37.173	ng		95
28) bis(2-Chloroethoxy)methane	10.97	93	76747	32.459	ng	#	89
29) 2,4-Dichlorophenol	11.23	162	93321	38.367	ng		89
30) 1,2,4-Trichlorobenzene	11.46	180	99745	31.753	ng		94
31) Naphthalene	11.66	128	216189	30.607	ng		99
32) Benzoic acid	10.80	122	20115m	16.552	ng		
33) 4-Chloroaniline	11.75	127	36408	12.020	ng	#	91
34) Hexachlorobutadiene	11.92	225	74504	33.022	ng		95
35) Caprolactam	12.50	113	26709	36.196	ng	#	46
36) 4-Chloro-3-methylphenol	12.82	107	86855	39.012	ng	#	83
37) 2-Methylnaphthalene	13.22	142	182211	32.492	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	144507	31.355	ng		97
40) Hexachlorocyclopentadiene	13.55	237	190257	73.295	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	95233	36.776	ng		96
43) 2,4,5-Trichlorophenol	13.88	196	102803	34.298	ng	#	92
45) 1,1'-Biphenyl	14.20	154	269005	29.679	ng		94
46) 2-Chloronaphthalene	14.25	162	213853	30.329	ng		98
47) 2-Nitroaniline	14.44	65	51149	37.893	ng	#	73
48) Acenaphthylene	15.09	152	316344	29.462	ng		97
49) Dimethylphthalate	14.79	163	297723	32.179	ng		99
50) 2,6-Dinitrotoluene	14.92	165	64807	33.746	ng	#	73
51) Acenaphthene	15.42	154	214244	30.175	ng		97
52) 3-Nitroaniline	15.25	138	32445	18.706	ng	#	73
53) 2,4-Dinitrophenol	15.45	184	19419	25.367	ng	#	73
54) Dibenzofuran	15.75	168	347718	32.830	ng		99
55) 4-Nitrophenol	15.53	139	88965	70.382	ng	#	78
56) 2,4-Dinitrotoluene	15.70	165	95894	37.089	ng	#	65
57) Fluorene	16.40	166	284683	32.773	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.97	232	104724	37.768	ng	#	86
59) Diethylphthalate	16.13	149	288682	32.185	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	178476	33.494	ng		93
61) 4-Nitroaniline	16.40	138	55411	33.303	ng		84
62) Azobenzene	16.67	77	186900	33.292	ng		86
64) 4,6-Dinitro-2-methylphenol	16.45	198	30505	19.893	ng	#	73
65) n-Nitrosodiphenylamine	16.58	169	262732	30.356	ng		98
66) 4-Bromophenyl-phenylether	17.27	248	130219	32.088	ng		94
67) Hexachlorobenzene	17.40	284	134272	29.906	ng	#	92
68) Atrazine	17.51	200	123214	33.852	ng		97
69) Pentachlorophenol	17.73	266	130699	45.543	ng		97
70) Phenanthrene	18.14	178	497371	31.320	ng		99
71) Anthracene	18.22	178	506782	31.997	ng		98
72) Carbazole	18.48	167	436456	31.766	ng		99
73) Di-n-butylphthalate	18.99	149	489470	30.148	ng		98
74) Fluoranthene	20.10	202	661711	33.281	ng		95
76) Benzidine	20.26	184	145120	16.454	ng		98
77) Pyrene	20.46	202	660875	29.806	ng		99
79) Butylbenzylphthalate	21.31	149	221166	27.840	ng	#	74
80) Benzo(a)anthracene	22.40	228	708787	32.313	ng		98
81) 3,3'-Dichlorobenzidine	22.29	252	132963	16.227	ng	#	96
82) Chrysene	22.47	228	658990	31.282	ng		99
83) Bis(2-ethylhexyl)phthalate	22.24	149	311054	26.701	ng	#	97
84) Di-n-octyl phthalate	23.61	149	538971	29.130	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.37	276	873125	33.868	ng	#	85
87) Benzo(b)fluoranthene	24.92	252	742029	31.752	ng	#	94
88) Benzo(k)fluoranthene	25.00	252	725699	31.779	ng	#	97
89) Benzo(a)pyrene	25.93	252	726548	32.865	ng	#	95
90) Dibenzo(a,h)anthracene	30.44	278	727036	34.128	ng	#	93
91) Benzo(g,h,i)perylene	31.71	276	722561	33.185	ng	#	91

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

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