

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056921.D
 Acq On : 30 Mar 2023 12:40
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 15:49:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 30 15:48:01 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	20878	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	84877	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	67925	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	170930	20.000	ng	0.00
76) Chrysene-d12	22.089	240	159579	20.000	ng	0.00
86) Perylene-d12	25.643	264	179362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	14293	11.139	ng	0.00
7) Phenol-d6	7.532	99	20164	10.638	ng	0.00
23) Nitrobenzene-d5	9.588	82	22145	13.359	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	11443	12.305	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	53341	10.516	ng	0.00
79) Terphenyl-d14	20.338	244	105251	10.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	2939	5.224	ng	89
3) Pyridine	4.160	79	8768m	4.927	ng	
4) n-Nitrosodimethylamine	4.055	42	4280	5.160	ng	# 92
6) Aniline	7.720	93	13231	5.023	ng	93
8) 2-Chlorophenol	7.967	128	7146	5.629	ng	91
10) Phenol	7.567	94	10276	5.300	ng	93
11) bis(2-Chloroethyl)ether	7.808	93	7694	5.289	ng	84
12) 1,3-Dichlorobenzene	8.296	146	8152	5.389	ng	94
13) 1,4-Dichlorobenzene	8.449	146	8289m	5.441	ng	
14) 1,2-Dichlorobenzene	8.778	146	8120	5.545	ng	91
15) Benzyl Alcohol	8.643	79	8162	4.809	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.942	45	9042	4.630	ng	90
17) 2-Methylphenol	8.836	107	7536	5.531	ng	89
18) Hexachloroethane	9.524	117	2992	6.200	ng	87
19) n-Nitroso-di-n-propyla...	9.206	70	7390	5.208	ng	# 95
20) 3+4-Methylphenols	9.165	107	10939	5.844	ng	85
22) Acetophenone	9.242	105	13807	5.324	ng	# 86
24) Nitrobenzene	9.629	77	10811	6.229	ng	# 96
25) Isophorone	10.152	82	20489	5.079	ng	# 94
26) 2-Nitrophenol	10.352	139	4123	6.040	ng	91
27) 2,4-Dimethylphenol	10.393	122	7752	4.970	ng	94
28) bis(2-Chloroethoxy)met...	10.628	93	10764	5.235	ng	# 90
29) 2,4-Dichlorophenol	10.887	162	7870	5.091	ng	95
30) 1,2,4-Trichlorobenzene	11.110	180	8841	4.801	ng	98
31) Naphthalene	11.309	128	24096	5.122	ng	# 93
32) Benzoic acid	10.452	122	4030	4.009	ng	84
33) 4-Chloroaniline	11.403	127	10544	4.906	ng	# 91
34) Hexachlorobutadiene	11.586	225	6499	4.938	ng	95
35) Caprolactam	12.132	113	2879	5.790	ng	# 84
36) 4-Chloro-3-methylphenol	12.490	107	8806	5.165	ng	# 93
37) 2-Methylnaphthalene	12.878	142	19646	5.289	ng	88
38) 1-Methylnaphthalene	13.095	142	19195	5.538	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.242	216	12078	4.783	ng	95
41) Hexachlorocyclopentadiene	13.219	237	5480	4.001	ng	82
43) 2,4,6-Trichlorophenol	13.471	196	7655m	4.997	ng	
44) 2,4,5-Trichlorophenol	13.542	196	9064	4.936	ng	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.865	154	25691	4.993	ng	96
47) 2-Chloronaphthalene	13.918	162	20147	4.948	ng	93
48) 2-Nitroaniline	14.106	65	6401	6.497	ng	94
49) Acenaphthylene	14.758	152	31071	4.696	ng	97
50) Dimethylphthalate	14.458	163	28578	5.089	ng	97
51) 2,6-Dinitrotoluene	14.587	165	5670	5.750	ng	91
52) Acenaphthene	15.093	154	21838	5.351	ng	94
53) 3-Nitroaniline	14.922	138	5907	5.419	ng	# 71
54) 2,4-Dinitrophenol	15.122	184	2716	4.187	ng	# 86
55) Dibenzofuran	15.422	168	32310	4.686	ng	# 95
56) 4-Nitrophenol	15.204	139	3674	4.399	ng	# 81
57) 2,4-Dinitrotoluene	15.369	165	8088	5.906	ng	# 92
58) Fluorene	16.068	166	28000	5.136	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.639	232	7963	4.948	ng	95
60) Diethylphthalate	15.809	149	26849	4.740	ng	# 97
61) 4-Chlorophenyl-phenyle...	16.050	204	16169	4.855	ng	90
62) 4-Nitroaniline	16.074	138	5754	5.065	ng	84
63) Azobenzene	16.338	77	27985	4.937	ng	96
65) 4,6-Dinitro-2-methylph...	16.132	198	4654	5.273	ng	89
66) n-Nitrosodiphenylamine	16.262	169	23487	4.723	ng	99
67) 4-Bromophenyl-phenylether	16.943	248	11024	5.023	ng	85
68) Hexachlorobenzene	17.072	284	10862	4.858	ng	93
69) Atrazine	17.190	200	10046	5.261	ng	92
70) Pentachlorophenol	17.407	266	7328	4.949	ng	# 83
71) Phenanthrene	17.812	178	45768	4.922	ng	98
72) Anthracene	17.901	178	46435	4.880	ng	97
73) Carbazole	18.165	167	42028	5.124	ng	97
74) Di-n-butylphthalate	18.688	149	47445	5.169	ng	99
75) Fluoranthene	19.798	202	59340	4.836	ng	99
77) Benzidine	19.962	184	25442	6.666	ng	97
78) Pyrene	20.156	202	60708	5.037	ng	96
80) Butylbenzylphthalate	21.020	149	19054	5.265	ng	88
81) Benzo(a)anthracene	22.071	228	57451	4.841	ng	96
82) 3,3'-Dichlorobenzidine	21.966	252	19449	5.051	ng	97
83) Chrysene	22.142	228	54514	4.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.930	149	26990	4.977	ng	# 99
85) Di-n-octyl phthalate	23.252	149	44593	4.947	ng	# 99
87) Indeno(1,2,3-cd)pyrene	29.726	276	68694	4.890	ng	# 56
88) Benzo(b)fluoranthene	24.498	252	54975m	4.692	ng	
89) Benzo(k)fluoranthene	24.568	252	54716	4.748	ng	97
90) Benzo(a)pyrene	25.467	252	57174	5.076	ng	# 91
91) Dibenzo(a,h)anthracene	29.796	278	56704	4.874	ng	# 90
92) Benzo(g,h,i)perylene	31.006	276	55990	4.925	ng	# 92

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

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