

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110922\
 Data File : BG055523.D
 Acq On : 9 Nov 2022 14:30
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 11/10/2022
 Supervised By : Jagrut Upadhyay 11/10/2022

Quant Time: Nov 10 03:02:14 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 10 02:56:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	50645	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	204653	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	146164	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	336059	20.000	ng	0.00
76) Chrysene-d12	21.936	240	311537	20.000	ng	0.00
86) Perylene-d12	25.356	264	339529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	328382	123.502	ng	0.00
7) Phenol-d6	7.400	99	446741	121.634	ng	0.00
23) Nitrobenzene-d5	9.445	82	438490	122.807	ng	0.00
42) 2,4,6-Tribromophenol	16.372	330	197506	121.578	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	1120978	115.684	ng	0.00
79) Terphenyl-d14	20.221	244	1758904	113.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	75900	56.200	ng	95
3) Pyridine	4.051	79	234946m	63.557	ng	
4) n-Nitrosodimethylamine	3.963	42	123828	60.584	ng	96
6) Aniline	7.588	93	286048	58.634	ng	99
8) 2-Chlorophenol	7.829	128	182052	61.158	ng	100
9) Benzaldehyde	7.400	77	158545	54.712	ng	97
10) Phenol	7.430	94	253602	59.979	ng	98
11) bis(2-Chloroethyl)ether	7.683	93	197781	58.099	ng	97
12) 1,3-Dichlorobenzene	8.158	146	217418	58.470	ng	100
13) 1,4-Dichlorobenzene	8.305	146	218880	58.163	ng	99
14) 1,2-Dichlorobenzene	8.634	146	206959	57.910	ng	98
15) Benzyl Alcohol	8.505	79	201571	62.934	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.799	45	381740	58.360	ng	99
17) 2-Methylphenol	8.699	107	181848	61.117	ng	98
18) Hexachloroethane	9.375	117	75095	60.108	ng	99
19) n-Nitroso-di-n-propyla...	9.081	70	178674	58.864	ng	97
20) 3+4-Methylphenols	9.028	107	255714	61.690	ng	95
22) Acetophenone	9.098	105	325900	59.863	ng	# 99
24) Nitrobenzene	9.486	77	236999	60.904	ng	98
25) Isophorone	10.009	82	478943	62.099	ng	99
27) 2,4-Dimethylphenol	10.244	122	178297	59.760	ng	99
28) bis(2-Chloroethoxy)met...	10.491	93	256577	61.701	ng	98
29) 2,4-Dichlorophenol	10.738	162	204230	67.394	ng	99
30) 1,2,4-Trichlorobenzene	10.961	180	231779	61.059	ng	98
31) Naphthalene	11.155	128	667125	60.294	ng	99
32) Benzoic acid	10.379	122	117651	62.174	ng	93
33) 4-Chloroaniline	11.249	127	285399	61.708	ng	99
34) Hexachlorobutadiene	11.437	225	154833	61.158	ng	99
35) Caprolactam	12.024	113	70014	64.294	ng	96
36) 4-Chloro-3-methylphenol	12.342	107	233945	65.493	ng	98
37) 2-Methylnaphthalene	12.741	142	498798	60.000	ng	99
38) 1-Methylnaphthalene	12.959	142	487715	59.977	ng	98
40) 1,2,4,5-Tetrachloroben...	13.100	216	263874	60.437	ng	98
41) Hexachlorocyclopentadiene	13.082	237	128680	65.973	ng	100
43) 2,4,6-Trichlorophenol	13.329	196	180040	61.180	ng	99
44) 2,4,5-Trichlorophenol	13.399	196	199868	61.070	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.734	154	637076	59.578	ng	98
47) 2-Chloronaphthalene	13.781	162	493158	59.710	ng	99
49) Acenaphthylene	14.621	152	823411	60.252	ng	99
50) Dimethylphthalate	14.339	163	684125	61.596	ng	100
52) Acenaphthene	14.956	154	516703	60.564	ng	99
53) 3-Nitroaniline	14.786	138	145100	60.645	ng	98
54) 2,4-Dinitrophenol	14.986	184	46797	60.750	ng	87
55) Dibenzofuran	15.291	168	804943	59.015	ng	99
56) 4-Nitrophenol	15.068	139	112602	60.442	ng	98
58) Fluorene	15.938	166	635680	58.581	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	185174	60.524	ng	99
60) Diethylphthalate	15.697	149	691409	61.193	ng	99
61) 4-Chlorophenyl-phenyle...	15.920	204	340901	59.062	ng	99
62) 4-Nitroaniline	15.949	138	148592	60.478	ng	95
63) Azobenzene	16.214	77	645127	58.906	ng	98
65) 4,6-Dinitro-2-methylph...	15.996	198	72493	61.162	ng	96
66) n-Nitrosodiphenylamine	16.131	169	570661	60.616	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	208111	60.703	ng	98
68) Hexachlorobenzene	16.936	284	247207	60.652	ng	97
69) Atrazine	17.071	200	215331	63.202	ng	99
70) Pentachlorophenol	17.271	266	152615	60.674	ng	99
71) Phenanthrene	17.677	178	1064742	58.952	ng	98
72) Anthracene	17.765	178	1032940	58.358	ng	99
73) Carbazole	18.029	167	931140	58.210	ng	99
74) Di-n-butylphthalate	18.576	149	1156284	63.045	ng	99
75) Fluoranthene	19.668	202	1241634	57.649	ng	98
77) Benzidine	19.839	184	534297	63.393	ng	99
78) Pyrene	20.033	202	1247840	59.183	ng	98
80) Butylbenzylphthalate	20.908	149	500551	61.327	ng	97
81) Benzo(a)anthracene	21.913	228	1277692	59.876	ng	98
82) 3,3'-Dichlorobenzidine	21.819	252	440867	63.304	ng	100
83) Chrysene	21.983	228	1216112	59.933	ng	100
84) Bis(2-ethylhexyl)phtha...	21.807	149	727787	61.502	ng	99
85) Di-n-octyl phthalate	23.094	149	1237549	67.299	ng	99
87) Indeno(1,2,3-cd)pyrene	29.316	276	1584077	61.256	ng	99
88) Benzo(b)fluoranthene	24.269	252	1311901	60.982	ng	100
89) Benzo(k)fluoranthene	24.345	252	1305447	59.356	ng	99
90) Benzo(a)pyrene	25.197	252	1127629	60.850	ng	100
91) Dibenzo(a,h)anthracene	29.386	278	1300625	60.759	ng	98
92) Benzo(g,h,i)perylene	30.556	276	1284786	61.398	ng	100

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

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