

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030922\
 Data File : BG052621.D
 Acq On : 9 Mar 2022 20:58
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 03/10/2022
 Supervised By : Jagrut Upadhyay 03/10/2022

Quant Time: Mar 10 02:59:15 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 10 02:54:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.170	152	35223	20.000	ng	0.00
21) Naphthalene-d8	11.013	136	135790	20.000	ng	0.00
39) Acenaphthene-d10	14.826	164	94377	20.000	ng	0.00
64) Phenanthrene-d10	17.575	188	218990	20.000	ng	0.00
76) Chrysene-d12	21.887	240	203660	20.000	ng	0.00
86) Perylene-d12	25.300	264	218268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	239418	115.804	ng	0.00
7) Phenol-d6	7.324	99	343454	118.227	ng	0.00
23) Nitrobenzene-d5	9.351	82	346058	116.183	ng	0.00
42) 2,4,6-Tribromophenol	16.318	330	161663	119.188	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	789765	115.390	ng	0.00
79) Terphenyl-d14	20.172	244	1288295	113.279	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.518	88	52747	56.305	ng	97
3) Pyridine	3.929	79	146065m	57.703	ng	
4) n-Nitrosodimethylamine	3.841	42	67578	55.986	ng	97
6) Aniline	7.483	93	194737	57.812	ng	98
8) 2-Chlorophenol	7.736	128	126672	58.358	ng	99
9) Benzaldehyde	7.295	77	86467	49.622	ng	94
10) Phenol	7.354	94	166930	57.664	ng	98
11) bis(2-Chloroethyl)ether	7.577	93	125849	56.338	ng	96
12) 1,3-Dichlorobenzene	8.065	146	147442	57.674	ng	97
13) 1,4-Dichlorobenzene	8.211	146	148434	57.628	ng	98
14) 1,2-Dichlorobenzene	8.534	146	141216	56.282	ng	98
15) Benzyl Alcohol	8.411	79	133766	59.073	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.699	45	165723	55.048	ng	95
17) 2-Methylphenol	8.617	107	112583	58.606	ng	96
18) Hexachloroethane	9.275	117	50305	55.482	ng	97
19) n-Nitroso-di-n-propyla...	8.981	70	112586	56.921	ng	98
20) 3+4-Methylphenols	8.952	107	157115	59.836	ng	98
22) Acetophenone	9.004	105	200449	57.246	ng	# 97
24) Nitrobenzene	9.392	77	162098	57.533	ng	96
25) Isophorone	9.921	82	293925	58.507	ng	98
26) 2-Nitrophenol	10.109	139	77100	61.195	ng	92
27) 2,4-Dimethylphenol	10.168	122	109968	60.475	ng	95
28) bis(2-Chloroethoxy)met...	10.397	93	170765	56.624	ng	99
29) 2,4-Dichlorophenol	10.661	162	133162	61.987	ng	95
30) 1,2,4-Trichlorobenzene	10.872	180	153012	58.170	ng	98
31) Naphthalene	11.066	128	412888	57.959	ng	100
32) Benzoic acid	10.344	122	55687m	75.431	ng	
33) 4-Chloroaniline	11.166	127	173241	60.095	ng	98
34) Hexachlorobutadiene	11.348	225	101869	56.645	ng	98
35) Caprolactam	11.942	113	44210	57.888	ng	# 81
36) 4-Chloro-3-methylphenol	12.288	107	143938	60.155	ng	100
37) 2-Methylnaphthalene	12.664	142	298059	57.380	ng	97
38) 1-Methylnaphthalene	12.882	142	290017	57.301	ng	94
40) 1,2,4,5-Tetrachloroben...	13.028	216	180983	57.805	ng	99
41) Hexachlorocyclopentadiene	13.011	237	91967	77.698	ng	96
43) 2,4,6-Trichlorophenol	13.263	196	121826	62.417	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.346	196	129370	61.377	ng	99
46) 1,1'-Biphenyl	13.657	154	404677	58.178	ng	99
47) 2-Chloronaphthalene	13.710	162	316438	58.721	ng	97
48) 2-Nitroaniline	13.904	65	103874	58.661	ng	98
49) Acenaphthylene	14.550	152	501460	57.883	ng	100
50) Dimethylphthalate	14.274	163	408773	56.239	ng	100
51) 2,6-Dinitrotoluene	14.391	165	91611	58.067	ng	94
52) Acenaphthene	14.891	154	304032	54.030	ng	98
53) 3-Nitroaniline	14.726	138	96287	57.803	ng	99
54) 2,4-Dinitrophenol	14.938	184	55050	69.911	ng	98
55) Dibenzofuran	15.225	168	504599	56.730	ng	98
56) 4-Nitrophenol	15.037	139	71121	62.789	ng	95
57) 2,4-Dinitrotoluene	15.184	165	129469	58.020	ng	# 96
58) Fluorene	15.872	166	409716	56.928	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.454	232	122732	60.901	ng	99
60) Diethylphthalate	15.625	149	409182	55.172	ng	99
61) 4-Chlorophenyl-phenyle...	15.860	204	230393	57.057	ng	95
62) 4-Nitroaniline	15.895	138	97381	56.084	ng	99
63) Azobenzene	16.154	77	398792	55.081	ng	97
65) 4,6-Dinitro-2-methylph...	15.954	198	87803	65.628	ng	98
66) n-Nitrosodiphenylamine	16.071	169	359677	59.138	ng	98
67) 4-Bromophenyl-phenylether	16.753	248	156136	58.995	ng	98
68) Hexachlorobenzene	16.888	284	168430	58.865	ng	98
69) Atrazine	17.017	200	126214	54.453	ng	95
70) Pentachlorophenol	17.234	266	87196	65.550	ng	90
71) Phenanthrene	17.622	178	652043	57.287	ng	99
72) Anthracene	17.710	178	636266	56.642	ng	98
73) Carbazole	17.980	167	625853	56.672	ng	100
74) Di-n-butylphthalate	18.521	149	695529	56.519	ng	99
75) Fluoranthene	19.625	202	796929	54.311	ng	98
77) Benzidine	19.796	184	217298	49.899	ng	98
78) Pyrene	19.984	202	791614	59.011	ng	99
80) Butylbenzylphthalate	20.853	149	303067	60.871	ng	97
81) Benzo(a)anthracene	21.863	228	786029	58.018	ng	99
82) 3,3'-Dichlorobenzidine	21.764	252	276918	57.681	ng	96
83) Chrysene	21.934	228	737171	57.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.740	149	422547	60.864	ng	98
85) Di-n-octyl phthalate	23.015	149	702735	60.691	ng	99
87) Indeno(1,2,3-cd)pyrene	29.265	276	921877	57.858	ng	99
88) Benzo(b)fluoranthene	24.219	252	778870	56.926	ng	99
89) Benzo(k)fluoranthene	24.290	252	787900	57.968	ng	99
90) Benzo(a)pyrene	25.147	252	671081	58.305	ng	99
91) Dibenzo(a,h)anthracene	29.324	278	746913	56.897	ng	98
92) Benzo(g,h,i)perylene	30.505	276	743809	57.483	ng	98

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

Manual Integrations

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