

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
 Data File : BG055257.D
 Acq On : 24 Oct 2022 15:11
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 24 15:53:25 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 24 14:49:17 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	35025	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	165862	20.000	ng	0.00
39) Acenaphthene-d10	14.885	164	118616	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	260099	20.000	ng	0.00
76) Chrysene-d12	21.901	240	229055	20.000	ng	0.00
86) Perylene-d12	25.297	264	244760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	229626	117.953	ng	0.00
7) Phenol-d6	7.418	99	358819	120.959	ng	0.00
23) Nitrobenzene-d5	9.451	82	392085	114.125	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	156875	127.634	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	834020	112.311	ng	0.00
79) Terphenyl-d14	20.197	244	1268554	103.193	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	51998	54.924	ng	98
3) Pyridine	4.028	79	172043m	57.710	ng	
4) n-Nitrosodimethylamine	3.934	42	75244	53.938	ng	99
6) Aniline	7.588	93	229940	59.790	ng	97
8) 2-Chlorophenol	7.835	128	142101	60.372	ng	99
9) Benzaldehyde	7.400	77	107777	52.266	ng	93
10) Phenol	7.441	94	201318	60.071	ng	98
11) bis(2-Chloroethyl)ether	7.676	93	148928	57.716	ng	99
12) 1,3-Dichlorobenzene	8.164	146	148831	58.291	ng	98
13) 1,4-Dichlorobenzene	8.311	146	152331	58.406	ng	99
14) 1,2-Dichlorobenzene	8.634	146	147152	59.213	ng	98
15) Benzyl Alcohol	8.511	79	153822	60.377	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.798	45	242290	52.101	ng	99
17) 2-Methylphenol	8.710	107	141876	61.159	ng	99
18) Hexachloroethane	9.368	117	54983	58.242	ng	97
19) n-Nitroso-di-n-propyla...	9.080	70	149818	58.885	ng	98
20) 3+4-Methylphenols	9.039	107	207926	63.770	ng	97
22) Acetophenone	9.104	105	252762	56.338	ng	99
24) Nitrobenzene	9.492	77	204791	55.746	ng	99
25) Isophorone	10.015	82	396459	56.403	ng	98
26) 2-Nitrophenol	10.209	139	94001	65.047	ng	99
27) 2,4-Dimethylphenol	10.256	122	143834	62.501	ng	97
28) bis(2-Chloroethoxy)met...	10.491	93	200410	59.334	ng	99
29) 2,4-Dichlorophenol	10.743	162	157665	64.167	ng	99
30) 1,2,4-Trichlorobenzene	10.961	180	153647	61.075	ng	99
31) Naphthalene	11.155	128	533433	60.950	ng	99
32) Benzoic acid	10.408	122	106250	64.500	ng	98
33) 4-Chloroaniline	11.254	127	232438	64.495	ng	99
34) Hexachlorobutadiene	11.431	225	86729	57.092	ng	99
35) Caprolactam	12.036	113	66205	61.313	ng	94
36) 4-Chloro-3-methylphenol	12.353	107	193859	60.677	ng	100
37) 2-Methylnaphthalene	12.735	142	389006	58.435	ng	100
38) 1-Methylnaphthalene	12.952	142	379946	57.814	ng	99
40) 1,2,4,5-Tetrachloroben...	13.099	216	171906	61.657	ng	99
41) Hexachlorocyclopentadiene	13.076	237	81233	63.977	ng	97
43) 2,4,6-Trichlorophenol	13.328	196	131090	61.776	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.405	196	145645	62.561	ng	100
46) 1,1'-Biphenyl	13.728	154	484367	57.669	ng	98
47) 2-Chloronaphthalene	13.775	162	384565	59.472	ng	99
48) 2-Nitroaniline	13.969	65	155375	59.211	ng	99
49) Acenaphthylene	14.615	152	652795	59.013	ng	99
50) Dimethylphthalate	14.333	163	538509	57.717	ng	100
51) 2,6-Dinitrotoluene	14.457	165	115110	61.487	ng	96
52) Acenaphthene	14.950	154	427639m	60.718	ng	
53) 3-Nitroaniline	14.786	138	142707	61.196	ng	95
54) 2,4-Dinitrophenol	14.991	184	65069	68.944	ng	97
55) Dibenzofuran	15.285	168	616350	60.755	ng	100
56) 4-Nitrophenol	15.085	139	104936	63.997	ng	98
57) 2,4-Dinitrotoluene	15.238	165	165973	63.404	ng	95
58) Fluorene	15.925	166	512667	60.007	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.502	232	131459	64.842	ng	97
60) Diethylphthalate	15.679	149	568803	58.274	ng	98
61) 4-Chlorophenyl-phenyle...	15.908	204	240063	60.539	ng	98
62) 4-Nitroaniline	15.943	138	144410	61.048	ng	99
63) Azobenzene	16.202	77	564024	57.174	ng	99
65) 4,6-Dinitro-2-methylph...	16.002	198	96887	69.735	ng	98
66) n-Nitrosodiphenylamine	16.125	169	446718	61.539	ng	99
67) 4-Bromophenyl-phenylether	16.801	248	159403	62.877	ng	97
68) Hexachlorobenzene	16.930	284	176740	63.699	ng	98
69) Atrazine	17.059	200	133581	55.832	ng	99
70) Pentachlorophenol	17.271	266	97175	64.895	ng	97
71) Phenanthrene	17.665	178	821966	59.222	ng	98
72) Anthracene	17.753	178	805853	59.416	ng	99
73) Carbazole	18.017	167	757916	60.683	ng	99
74) Di-n-butylphthalate	18.552	149	949638	58.293	ng	100
75) Fluoranthene	19.650	202	923902	60.094	ng	99
77) Benzidine	19.821	184	270369	46.417	ng	99
78) Pyrene	20.015	202	934800	54.162	ng	98
80) Butylbenzylphthalate	20.873	149	438972	54.414	ng	97
81) Benzo(a)anthracene	21.877	228	883278	59.450	ng	98
82) 3,3'-Dichlorobenzidine	21.783	252	293236	57.479	ng	99
83) Chrysene	21.954	228	839175	60.650	ng	99
84) Bis(2-ethylhexyl)phtha...	21.748	149	618434	58.589	ng	99
85) Di-n-octyl phthalate	23.017	149	1046857	66.521	ng	100
87) Indeno(1,2,3-cd)pyrene	29.222	276	1085197	63.747	ng	99
88) Benzo(b)fluoranthene	24.216	252	877723	60.388	ng	98
89) Benzo(k)fluoranthene	24.286	252	875159	59.453	ng	99
90) Benzo(a)pyrene	25.138	252	754275	60.462	ng	100
91) Dibenzo(a,h)anthracene	29.280	278	883985	63.384	ng	99
92) Benzo(g,h,i)perylene	30.455	276	876947	64.909	ng	99

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

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