

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061322\
 Data File : BG053892.D
 Acq On : 13 Jun 2022 13:32
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 14:31:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:28:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	23013	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	87984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.709	164	66275	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	166828	20.000	ng	# 0.00
76) Chrysene-d12	21.731	240	188197	20.000	ng	0.00
86) Perylene-d12	24.992	264	198278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	121713	97.122	ng	0.00
7) Phenol-d6	7.242	99	165288	97.367	ng	0.00
23) Nitrobenzene-d5	9.251	82	158025	117.944	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	110295	137.100	ng	0.00
45) 2-Fluorobiphenyl	13.335	172	441872	99.743	ng	0.00
79) Terphenyl-d14	20.056	244	897989	94.925	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	26268	43.349	ng	99
3) Pyridine	3.946	79	73190m	49.830	ng	
4) n-Nitrosodimethylamine	3.857	42	31848	48.023	ng	# 97
6) Aniline	7.412	93	98018	47.441	ng	97
8) 2-Chlorophenol	7.653	128	64462	50.249	ng	92
9) Benzaldehyde	7.224	77	42039	37.138	ng	79
10) Phenol	7.265	94	83412	47.552	ng	95
11) bis(2-Chloroethyl)ether	7.500	93	63376	45.935	ng	95
12) 1,3-Dichlorobenzene	7.982	146	77820	47.670	ng	93
13) 1,4-Dichlorobenzene	8.123	146	79585	47.937	ng	98
14) 1,2-Dichlorobenzene	8.446	146	75168	47.261	ng	99
15) Benzyl Alcohol	8.317	79	62247	48.988	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.617	45	92650	38.275	ng	99
17) 2-Methylphenol	8.523	107	57408	47.879	ng	92
18) Hexachloroethane	9.181	117	26756	48.709	ng	# 78
19) n-Nitroso-di-n-propyla...	8.893	70	55053	45.789	ng	98
20) 3+4-Methylphenols	8.852	107	81844	50.240	ng	95
22) Acetophenone	8.904	105	107231	49.356	ng	# 95
24) Nitrobenzene	9.292	77	77509	57.753	ng	# 86
25) Isophorone	9.815	82	144717	48.190	ng	# 94
26) 2-Nitrophenol	10.003	139	36442	87.437	ng	# 83
27) 2,4-Dimethylphenol	10.056	122	55717	51.610	ng	90
28) bis(2-Chloroethoxy)met...	10.297	93	78289	47.975	ng	99
29) 2,4-Dichlorophenol	10.538	162	76143	58.724	ng	89
30) 1,2,4-Trichlorobenzene	10.755	180	90811	55.335	ng	97
31) Naphthalene	10.949	128	220222	48.905	ng	100
32) Benzoic acid	10.209	122	22590m	37.298	ng	
33) 4-Chloroaniline	11.049	127	94010	50.356	ng	93
34) Hexachlorobutadiene	11.237	225	69703	59.952	ng	97
35) Caprolactam	11.819	113	22285	60.135	ng	# 84
36) 4-Chloro-3-methylphenol	12.160	107	73479	53.245	ng	# 87
37) 2-Methylnaphthalene	12.547	142	162919	49.873	ng	97
38) 1-Methylnaphthalene	12.765	142	157768	49.387	ng	96
40) 1,2,4,5-Tetrachloroben...	12.912	216	124717	56.040	ng	# 95
41) Hexachlorocyclopentadiene	12.900	237	62188	54.972	ng	99
43) 2,4,6-Trichlorophenol	13.147	196	72742	60.268	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.217	196	82202	61.211	ng	# 90
46) 1,1'-Biphenyl	13.546	154	223784	47.378	ng	99
47) 2-Chloronaphthalene	13.593	162	182557	49.680	ng	96
48) 2-Nitroaniline	13.781	65	51534	64.772	ng	92
49) Acenaphthylene	14.433	152	285672	48.459	ng	99
50) Dimethylphthalate	14.163	163	244279	50.295	ng	# 99
51) 2,6-Dinitrotoluene	14.275	165	52088	68.672	ng	# 78
52) Acenaphthene	14.774	154	182883	48.829	ng	98
53) 3-Nitroaniline	14.604	138	51508	63.117	ng	86
54) 2,4-Dinitrophenol	14.809	184	25094	65.536	ng	# 75
55) Dibenzofuran	15.109	168	290608	48.673	ng	93
56) 4-Nitrophenol	14.903	139	37161	54.482	ng	# 89
57) 2,4-Dinitrotoluene	15.062	165	75346	73.675	ng	# 84
58) Fluorene	15.755	166	235990	47.737	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.332	232	82159	61.663	ng	# 90
60) Diethylphthalate	15.520	149	237927	48.369	ng	96
61) 4-Chlorophenyl-phenyle...	15.744	204	141110	52.947	ng	90
62) 4-Nitroaniline	15.767	138	51608	56.161	ng	# 74
63) Azobenzene	16.037	77	192034	41.722	ng	90
65) 4,6-Dinitro-2-methylph...	15.826	198	44567	75.908	ng	82
66) n-Nitrosodiphenylamine	15.955	169	214002	48.239	ng	96
67) 4-Bromophenyl-phenylether	16.637	248	103686	57.202	ng	92
68) Hexachlorobenzene	16.766	284	116801	57.809	ng	# 92
69) Atrazine	16.901	200	89110	51.303	ng	95
70) Pentachlorophenol	17.101	266	58964	52.135	ng	98
71) Phenanthrene	17.494	178	420614	47.900	ng	98
72) Anthracene	17.588	178	408255	47.504	ng	99
73) Carbazole	17.853	167	354501	45.698	ng	98
74) Di-n-butylphthalate	18.411	149	414804	46.500	ng	# 97
75) Fluoranthene	19.504	202	553850	48.628	ng	97
77) Benzidine	19.674	184	181544	39.449	ng	99
78) Pyrene	19.862	202	556608	46.506	ng	98
80) Butylbenzylphthalate	20.744	149	188597	48.317	ng	89
81) Benzo(a)anthracene	21.713	228	596374	47.732	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	182569	51.843	ng	97
83) Chrysene	21.778	228	561915	47.646	ng	98
84) Bis(2-ethylhexyl)phtha...	21.619	149	262374	46.744	ng	# 94
85) Di-n-octyl phthalate	22.847	149	460884	49.375	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.728	276	747573	51.152	ng	# 96
88) Benzo(b)fluoranthene	23.957	252	604091	49.074	ng	99
89) Benzo(k)fluoranthene	24.028	252	586995	48.243	ng	99
90) Benzo(a)pyrene	24.845	252	511244	49.108	ng	100
91) Dibenzo(a,h)anthracene	28.799	278	616772	51.070	ng	97
92) Benzo(g,h,i)perylene	29.909	276	605841	50.893	ng	96

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

