

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054688.D
 Acq On : 22 Aug 2022 18:47
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Jagrut Upadhyay 08/23/2022

Quant Time: Aug 23 00:21:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 00:12:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	57381	20.000	ng	0.00
21) Naphthalene-d8	10.987	136	217085	20.000	ng	0.00
39) Acenaphthene-d10	14.788	164	134851	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	288095	20.000	ng	0.00
76) Chrysene-d12	21.827	240	264906	20.000	ng	0.00
86) Perylene-d12	25.194	264	285560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	376689	118.868	ng	0.00
7) Phenol-d6	7.303	99	515088	116.224	ng	0.00
23) Nitrobenzene-d5	9.336	82	483696	128.639	ng	0.00
42) 2,4,6-Tribromophenol	16.275	330	152280	108.149	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	1045661	121.461	ng	0.00
79) Terphenyl-d14	20.135	244	1515718	122.293	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.549	88	89275	57.696	ng	Qvalue
3) Pyridine	3.954	79	258727m	62.243	ng	99
4) n-Nitrosodimethylamine	3.872	42	114487	61.869	ng	100
6) Aniline	7.479	93	313288	58.982	ng	99
8) 2-Chlorophenol	7.720	128	201095	58.496	ng	97
9) Benzaldehyde	7.291	77	155250	58.136	ng	99
10) Phenol	7.327	94	265343	58.935	ng	99
11) bis(2-Chloroethyl)ether	7.573	93	220166	60.649	ng	98
12) 1,3-Dichlorobenzene	8.049	146	241035	59.776	ng	100
13) 1,4-Dichlorobenzene	8.196	146	244521	60.083	ng	99
14) 1,2-Dichlorobenzene	8.519	146	227839	59.056	ng	100
15) Benzyl Alcohol	8.396	79	188165	59.708	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.684	45	343739	60.732	ng	99
17) 2-Methylphenol	8.590	107	181895	59.021	ng	99
18) Hexachloroethane	9.254	117	84727	59.455	ng	98
19) n-Nitroso-di-n-propyla...	8.972	70	177023	60.821	ng	98
20) 3+4-Methylphenols	8.925	107	251157	59.003	ng	97
22) Acetophenone	8.989	105	324814	62.008	ng	# 99
24) Nitrobenzene	9.377	77	246903	64.648	ng	98
25) Isophorone	9.900	82	451584	62.534	ng	99
26) 2-Nitrophenol	10.088	139	79215	59.015	ng	96
27) 2,4-Dimethylphenol	10.135	122	172397	60.062	ng	97
28) bis(2-Chloroethoxy)met...	10.376	93	259848	62.646	ng	98
29) 2,4-Dichlorophenol	10.623	162	189441	61.685	ng	99
30) 1,2,4-Trichlorobenzene	10.840	180	226664	61.698	ng	98
31) Naphthalene	11.034	128	688014	61.656	ng	99
32) Benzoic acid	10.282	122	97661m	50.997	ng	
33) 4-Chloroaniline	11.140	127	283049	62.295	ng	99
34) Hexachlorobutadiene	11.310	225	145503	61.649	ng	97
35) Caprolactam	11.921	113	60037	60.077	ng	97
36) 4-Chloro-3-methylphenol	12.244	107	199562	61.053	ng	99
37) 2-Methylnaphthalene	12.632	142	475395	61.441	ng	99
38) 1-Methylnaphthalene	12.850	142	460368	61.149	ng	99
40) 1,2,4,5-Tetrachloroben...	12.991	216	245376	62.373	ng	99
41) Hexachlorocyclopentadiene	12.967	237	115501	55.489	ng	97
43) 2,4,6-Trichlorophenol	13.226	196	152226	61.689	ng	100

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44) 2,4,5-Trichlorophenol	13.296	196	167354	60.591	ng	98
46) 1,1'-Biphenyl	13.631	154	593957	62.106	ng	99
47) 2-Chloronaphthalene	13.672	162	453173	62.343	ng	99
49) Acenaphthylene	14.518	152	742256	62.131	ng	100
50) Dimethylphthalate	14.242	163	570517	59.975	ng	98
51) 2,6-Dinitrotoluene	14.360	165	113415	62.939	ng	99
52) Acenaphthene	14.853	154	465193	61.826	ng	100
53) 3-Nitroaniline	14.694	138	131088	63.498	ng	97
54) 2,4-Dinitrophenol	14.888	184	40429	56.217	ng	93
55) Dibenzofuran	15.188	168	684044	60.936	ng	99
56) 4-Nitrophenol	14.977	139	97026	61.134	ng	98
57) 2,4-Dinitrotoluene	15.141	165	152554	63.082	ng	96
58) Fluorene	15.834	166	564310	60.122	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.405	232	143101	58.587	ng	97
60) Diethylphthalate	15.599	149	563925	60.109	ng	98
61) 4-Chlorophenyl-phenyle...	15.823	204	282899	60.932	ng	98
62) 4-Nitroaniline	15.852	138	137371	63.848	ng	99
63) Azobenzene	16.116	77	575532	63.713	ng	100
65) 4,6-Dinitro-2-methylph...	15.899	198	60675	58.667	ng	98
66) n-Nitrosodiphenylamine	16.034	169	494404	62.768	ng	98
67) 4-Bromophenyl-phenylether	16.722	248	167086	57.237	ng	98
68) Hexachlorobenzene	16.833	284	208245	61.303	ng	98
69) Atrazine	16.980	200	157584	63.002	ng	100
70) Pentachlorophenol	17.174	266	112566	60.777	ng	99
71) Phenanthrene	17.579	178	902136	61.580	ng	99
72) Anthracene	17.667	178	875140	61.305	ng	99
73) Carbazole	17.932	167	798493	61.513	ng	99
74) Di-n-butylphthalate	18.484	149	944779	61.644	ng	99
75) Fluoranthene	19.583	202	1082035	61.173	ng	99
77) Benzidine	19.753	184	342452	68.949	ng	99
78) Pyrene	19.941	202	1088036	62.536	ng	98
80) Butylbenzylphthalate	20.823	149	382823	61.286	ng	98
81) Benzo(a)anthracene	21.810	228	1075387	62.761	ng	98
82) 3,3'-Dichlorobenzidine	21.722	252	358585	72.987	ng	97
83) Chrysene	21.880	228	1017747	62.787	ng	98
84) Bis(2-ethylhexyl)phtha...	21.704	149	580967	63.288	ng	99
85) Di-n-octyl phthalate	22.973	149	956470	62.949	ng	99
87) Indeno(1,2,3-cd)pyrene	29.089	276	1322551	63.345	ng	99
88) Benzo(b)fluoranthene	24.125	252	1086105	63.159	ng	99
89) Benzo(k)fluoranthene	24.201	252	1079967	62.435	ng	99
90) Benzo(a)pyrene	25.041	252	933258	63.900	ng	99
91) Dibenzo(a,h)anthracene	29.166	278	1074444	62.544	ng	99
92) Benzo(g,h,i)perylene	30.306	276	1064549	62.487	ng	99

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

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