

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054768.D
 Acq On : 29 Aug 2022 11:24
 Operator : CG/JU
 Sample : PB147277BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147277BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/30/2022
 Supervised By : Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 02:44:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	52315	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	216567	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	144986	20.000	ng	0.00
64) Phenanthrene-d10	17.525	188	328366	20.000	ng	0.00
76) Chrysene-d12	21.820	240	314838	20.000	ng	0.00
86) Perylene-d12	25.180	264	337207	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	415175	138.195	ng	0.00
7) Phenol-d6	7.295	99	547869	133.348	ng	0.00
23) Nitrobenzene-d5	9.323	82	322552	78.187	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	235718	130.109	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	759831	78.769	ng	0.00
79) Terphenyl-d14	20.128	244	1333144	83.900	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.529	88	48906	34.091	ng	99
3) Pyridine	3.935	79	133501	33.364	ng	98
4) n-Nitrosodimethylamine	3.852	42	72501	41.916	ng	95
6) Aniline	7.466	93	197844	40.529	ng	98
8) 2-Chlorophenol	7.707	128	161073	49.073	ng	100
9) Benzaldehyde	7.278	77	61454	22.821	ng	95
10) Phenol	7.325	94	203045	48.055	ng	97
11) bis(2-Chloroethyl)ether	7.560	93	152815	44.970	ng	98
12) 1,3-Dichlorobenzene	8.036	146	170786	44.962	ng	98
13) 1,4-Dichlorobenzene	8.183	146	172136	44.928	ng	99
14) 1,2-Dichlorobenzene	8.506	146	167670	46.152	ng	99
15) Benzyl Alcohol	8.382	79	139465	46.987	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.670	45	233668	43.945	ng	98
17) 2-Methylphenol	8.582	107	139811	48.060	ng	96
18) Hexachloroethane	9.240	117	61795	44.478	ng	98
19) n-Nitroso-di-n-propyla...	8.952	70	122376	43.314	ng	97
20) 3+4-Methylphenols	8.911	107	188113	46.632	ng	97
22) Acetophenone	8.976	105	237074	43.756	ng	# 99
24) Nitrobenzene	9.364	77	175151	42.123	ng	98
25) Isophorone	9.887	82	339821	44.178	ng	99
26) 2-Nitrophenol	10.080	139	82957	45.165	ng	98
27) 2,4-Dimethylphenol	10.127	122	153666m	52.803	ng	
28) bis(2-Chloroethoxy)met...	10.368	93	205118	46.797	ng	99
29) 2,4-Dichlorophenol	10.615	162	153979	46.518	ng	98
30) 1,2,4-Trichlorobenzene	10.833	180	160590	42.454	ng	99
31) Naphthalene	11.026	128	487115	41.923	ng	99
32) Benzoic acid	10.268	122	71454	36.604	ng	98
33) 4-Chloroaniline	11.126	127	140127	29.581	ng	97
34) Hexachlorobutadiene	11.303	225	103957	42.894	ng	98
35) Caprolactam	11.896	113	54688m	46.830	ng	
36) 4-Chloro-3-methylphenol	12.237	107	166137	45.898	ng	98
37) 2-Methylnaphthalene	12.619	142	342426	42.047	ng	98
38) 1-Methylnaphthalene	12.836	142	329045	41.529	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	187832	42.977	ng	99
41) Hexachlorocyclopentadiene	12.959	237	248001	106.997	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	128470	44.286	ng	98

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44) 2,4,5-Trichlorophenol	13.288	196	141544	43.447	ng	99
46) 1,1'-Biphenyl	13.617	154	465440	43.230	ng	99
47) 2-Chloronaphthalene	13.664	162	345200	42.217	ng	98
48) 2-Nitroaniline	13.864	65	110136	42.978	ng	93
49) Acenaphthylene	14.505	152	570476	42.278	ng	99
50) Dimethylphthalate	14.229	163	471015	42.168	ng	99
51) 2,6-Dinitrotoluene	14.352	165	101363	44.366	ng	89
52) Acenaphthene	14.845	154	399123m	46.048	ng	
53) 3-Nitroaniline	14.681	138	86897	33.976	ng	98
54) 2,4-Dinitrophenol	14.887	184	104393	80.883	ng	98
55) Dibenzofuran	15.180	168	539144	42.332	ng	99
56) 4-Nitrophenol	14.981	139	186578	94.269	ng	96
57) 2,4-Dinitrotoluene	15.133	165	144203	45.632	ng	87
58) Fluorene	15.827	166	450960	42.031	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	125372	42.690	ng	98
60) Diethylphthalate	15.586	149	472290	42.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.815	204	231748	43.784	ng	99
62) 4-Nitroaniline	15.844	138	113512	43.471	ng	98
63) Azobenzene	16.109	77	432791	40.829	ng	97
65) 4,6-Dinitro-2-methylph...	15.897	198	71144	42.564	ng	98
66) n-Nitrosodiphenylamine	16.026	169	411899	43.497	ng	99
67) 4-Bromophenyl-phenylether	16.708	248	162986	45.209	ng	98
68) Hexachlorobenzene	16.825	284	180863	44.626	ng	97
69) Atrazine	16.967	200	158633	47.484	ng	99
70) Pentachlorophenol	17.166	266	207512	94.236	ng	98
71) Phenanthrene	17.572	178	742930	42.472	ng	99
72) Anthracene	17.660	178	749408	44.066	ng	99
73) Carbazole	17.930	167	710073	45.317	ng	99
74) Di-n-butylphthalate	18.471	149	853629	43.053	ng	99
75) Fluoranthene	19.575	202	928158	43.618	ng	99
77) Benzidine	19.751	184	467120	59.901	ng	98
78) Pyrene	19.934	202	937863	42.721	ng	99
80) Butylbenzylphthalate	20.809	149	385982	42.151	ng	95
81) Benzo(a)anthracene	21.796	228	915517	42.888	ng	99
82) 3,3'-Dichlorobenzidine	21.708	252	292363	39.063	ng	98
83) Chrysene	21.867	228	866924	42.474	ng	100
84) Bis(2-ethylhexyl)phtha...	21.684	149	569634	43.177	ng	99
85) Di-n-octyl phthalate	22.948	149	957035	42.775	ng	96
87) Indeno(1,2,3-cd)pyrene	29.052	276	1102743	43.076	ng	99
88) Benzo(b)fluoranthene	24.105	252	973039	45.999	ng	99
89) Benzo(k)fluoranthene	24.182	252	959576	45.074	ng	99
90) Benzo(a)pyrene	25.022	252	860934	47.638	ng	99
91) Dibenzo(a,h)anthracene	29.123	278	940058	45.074	ng	99
92) Benzo(g,h,i)perylene	30.263	276	941274	44.675	ng	97

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

