

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054746.D
 Acq On : 25 Aug 2022 21:56
 Operator : CG/JU
 Sample : PB147133BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB147133BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 26 05:20:31 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	8.152	152	55676	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	236183	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	160006	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	368199	20.000	ng	0.00
76) Chrysene-d12	21.824	240	341812	20.000	ng	0.00
86) Perylene-d12	25.185	264	355853	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	425319	133.026	ng	0.00
7) Phenol-d6	7.294	99	565775	129.393	ng	0.00
23) Nitrobenzene-d5	9.321	82	339334	75.424	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	250318	125.198	ng	0.00
45) 2-Fluorobiphenyl	13.410	172	797327	74.897	ng	0.00
79) Terphenyl-d14	20.132	244	1390588	80.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	45446	29.767	ng	99
3) Pyridine	3.939	79	126453	29.695	ng	98
4) n-Nitrosodimethylamine	3.851	42	72672	39.478	ng	# 95
6) Aniline	7.470	93	222944	42.914	ng	98
8) 2-Chlorophenol	7.711	128	161304	46.177	ng	98
9) Benzaldehyde	7.282	77	114172	39.839	ng	99
10) Phenol	7.323	94	203033	45.152	ng	98
11) bis(2-Chloroethyl)ether	7.558	93	152324	42.120	ng	99
12) 1,3-Dichlorobenzene	8.040	146	167806	41.511	ng	98
13) 1,4-Dichlorobenzene	8.187	146	169300	41.520	ng	99
14) 1,2-Dichlorobenzene	8.504	146	164002	42.417	ng	99
15) Benzyl Alcohol	8.387	79	144476	45.737	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.675	45	239043	42.242	ng	98
17) 2-Methylphenol	8.587	107	142385	45.990	ng	97
18) Hexachloroethane	9.245	117	61720	41.742	ng	99
19) n-Nitroso-di-n-propyla...	8.957	70	127840	42.516	ng	98
20) 3+4-Methylphenols	8.916	107	192719	44.890	ng	97
22) Acetophenone	8.974	105	239962	40.611	ng	# 99
24) Nitrobenzene	9.368	77	177547	39.153	ng	97
25) Isophorone	9.885	82	354159	42.218	ng	99
26) 2-Nitrophenol	10.079	139	86228	43.047	ng	98
27) 2,4-Dimethylphenol	10.126	122	153213	48.275	ng	98
28) bis(2-Chloroethoxy)met...	10.367	93	213795	44.726	ng	99
29) 2,4-Dichlorophenol	10.614	162	158117	43.801	ng	99
30) 1,2,4-Trichlorobenzene	10.831	180	159484	38.660	ng	99
31) Naphthalene	11.025	128	491504	38.787	ng	99
32) Benzoic acid	10.261	122	85146	39.272	ng	97
33) 4-Chloroaniline	11.131	127	173232	33.533	ng	99
34) Hexachlorobutadiene	11.301	225	101264	38.312	ng	100
35) Caprolactam	11.900	113	56912m	44.687	ng	
36) 4-Chloro-3-methylphenol	12.235	107	175074	44.350	ng	98
37) 2-Methylnaphthalene	12.623	142	353170	39.765	ng	99
38) 1-Methylnaphthalene	12.840	142	337570	39.066	ng	99
40) 1,2,4,5-Tetrachloroben...	12.981	216	189217	39.230	ng	99
41) Hexachlorocyclopentadiene	12.958	237	246372	96.316	ng	97
43) 2,4,6-Trichlorophenol	13.216	196	133860	41.812	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	147517	41.030	ng	97
46) 1,1'-Biphenyl	13.622	154	476424	40.096	ng	99
47) 2-Chloronaphthalene	13.669	162	350932	38.889	ng	99
48) 2-Nitroaniline	13.863	65	119762	42.348	ng	98
49) Acenaphthylene	14.509	152	596438	40.053	ng	99
50) Dimethylphthalate	14.233	163	493712	40.051	ng	99
51) 2,6-Dinitrotoluene	14.350	165	106648	42.298	ng	94
52) Acenaphthene	14.850	154	422730m	44.194	ng	
53) 3-Nitroaniline	14.685	138	99435	35.229	ng	97
54) 2,4-Dinitrophenol	14.885	184	120171	84.079	ng	91
55) Dibenzofuran	15.179	168	558384	39.727	ng	99
56) 4-Nitrophenol	14.979	139	196974	90.179	ng	99
57) 2,4-Dinitrotoluene	15.138	165	151482	43.436	ng	90
58) Fluorene	15.831	166	469920	39.686	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.402	232	130016	40.116	ng	97
60) Diethylphthalate	15.590	149	494031	40.135	ng	98
61) 4-Chlorophenyl-phenyle...	15.813	204	241142	41.283	ng	99
62) 4-Nitroaniline	15.849	138	118780	41.218	ng	97
63) Azobenzene	16.107	77	458780	39.218	ng	99
65) 4,6-Dinitro-2-methylph...	15.896	198	80727	43.072	ng	94
66) n-Nitrosodiphenylamine	16.031	169	428829	40.386	ng	100
67) 4-Bromophenyl-phenylether	16.712	248	165263	40.881	ng	99
68) Hexachlorobenzene	16.830	284	184030	40.495	ng	97
69) Atrazine	16.971	200	167639	44.751	ng	98
70) Pentachlorophenol	17.171	266	216788	87.798	ng	99
71) Phenanthrene	17.570	178	768492	39.180	ng	99
72) Anthracene	17.664	178	773406	40.557	ng	99
73) Carbazole	17.929	167	733466	41.746	ng	99
74) Di-n-butylphthalate	18.475	149	887527	39.920	ng	99
75) Fluoranthene	19.574	202	958405	40.167	ng	99
77) Benzidine	19.750	184	612782	72.379	ng	98
78) Pyrene	19.938	202	959985	40.277	ng	98
80) Butylbenzylphthalate	20.813	149	399485	40.183	ng	97
81) Benzo(a)anthracene	21.801	228	922391	39.800	ng	99
82) 3,3'-Dichlorobenzidine	21.712	252	316201	38.914	ng	99
83) Chrysene	21.871	228	869957	39.259	ng	98
84) Bis(2-ethylhexyl)phtha...	21.689	149	580111	40.501	ng	100
85) Di-n-octyl phthalate	22.952	149	979547	40.326	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1093824	40.489	ng	99
88) Benzo(b)fluoranthene	24.115	252	994139	44.534	ng	98
89) Benzo(k)fluoranthene	24.186	252	948979	42.241	ng	99
90) Benzo(a)pyrene	25.032	252	867767	45.500	ng	99
91) Dibenzo(a,h)anthracene	29.133	278	941985	42.800	ng	99
92) Benzo(g,h,i)perylene	30.279	276	940929	42.319	ng	98

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

