

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054745.D
 Acq On : 25 Aug 2022 21:13
 Operator : CG/JU
 Sample : PB147159BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147159BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 05:19:33 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	50578	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	210823	20.000	ng	0.00
39) Acenaphthene-d10	14.785	164	140473	20.000	ng	0.00
64) Phenanthrene-d10	17.529	188	318652	20.000	ng	0.00
76) Chrysene-d12	21.824	240	295087	20.000	ng	0.00
86) Perylene-d12	25.185	264	317963	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	405551	139.628	ng	0.00
7) Phenol-d6	7.294	99	537862	135.408	ng	0.00
23) Nitrobenzene-d5	9.321	82	320310	79.759	ng	0.00
42) 2,4,6-Tribromophenol	16.272	330	225571	128.508	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	741622	79.351	ng	0.00
79) Terphenyl-d14	20.126	244	1255747	84.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	47678	34.376	ng	98
3) Pyridine	3.939	79	127336	32.916	ng	98
4) n-Nitrosodimethylamine	3.851	42	71288	42.630	ng	97
6) Aniline	7.470	93	202660	42.941	ng	98
8) 2-Chlorophenol	7.711	128	159150	50.152	ng	99
9) Benzaldehyde	7.277	77	73300	28.155	ng	98
10) Phenol	7.324	94	197298	48.299	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	149579	45.529	ng	99
12) 1,3-Dichlorobenzene	8.040	146	163737	44.587	ng	98
13) 1,4-Dichlorobenzene	8.187	146	164554	44.424	ng	97
14) 1,2-Dichlorobenzene	8.505	146	160715	45.757	ng	99
15) Benzyl Alcohol	8.387	79	139617	48.653	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.675	45	234366	45.590	ng	98
17) 2-Methylphenol	8.587	107	138068	49.091	ng	97
18) Hexachloroethane	9.245	117	59641	44.402	ng	97
19) n-Nitroso-di-n-propyla...	8.957	70	121711	44.558	ng	99
20) 3+4-Methylphenols	8.916	107	187336	48.034	ng	98
22) Acetophenone	8.980	105	233060	44.187	ng	# 98
24) Nitrobenzene	9.368	77	171512	42.371	ng	98
25) Isophorone	9.885	82	336814	44.980	ng	100
26) 2-Nitrophenol	10.079	139	83331	46.605	ng	98
27) 2,4-Dimethylphenol	10.126	122	151663	53.535	ng	99
28) bis(2-Chloroethoxy)met...	10.367	93	207085	48.533	ng	99
29) 2,4-Dichlorophenol	10.614	162	153844	47.744	ng	98
30) 1,2,4-Trichlorobenzene	10.831	180	155173	42.140	ng	97
31) Naphthalene	11.025	128	474272	41.930	ng	100
32) Benzoic acid	10.261	122	81954	41.736	ng	98
33) 4-Chloroaniline	11.131	127	137037	29.717	ng	98
34) Hexachlorobutadiene	11.301	225	99425	42.142	ng	97
35) Caprolactam	11.901	113	53519m	47.078	ng	
36) 4-Chloro-3-methylphenol	12.235	107	168093	47.704	ng	98
37) 2-Methylnaphthalene	12.623	142	335800	42.357	ng	97
38) 1-Methylnaphthalene	12.841	142	324647	42.090	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	181047	42.756	ng	99
41) Hexachlorocyclopentadiene	12.958	237	245060	109.125	ng	98
43) 2,4,6-Trichlorophenol	13.217	196	127581	45.392	ng	99

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44) 2,4,5-Trichlorophenol	13.287	196	137996	43.719	ng	98
46) 1,1'-Biphenyl	13.622	154	453432	43.467	ng	99
47) 2-Chloronaphthalene	13.669	162	337570	42.610	ng	99
48) 2-Nitroaniline	13.863	65	111075	44.737	ng	98
49) Acenaphthylene	14.509	152	559017	42.760	ng	100
50) Dimethylphthalate	14.233	163	459888	42.495	ng	99
51) 2,6-Dinitrotoluene	14.351	165	99620	45.004	ng	92
52) Acenaphthene	14.850	154	396390m	47.202	ng	
53) 3-Nitroaniline	14.686	138	83373	33.646	ng	98
54) 2,4-Dinitrophenol	14.885	184	111508	88.485	ng	92
55) Dibenzofuran	15.179	168	526521	42.669	ng	98
56) 4-Nitrophenol	14.979	139	185611	96.793	ng	98
57) 2,4-Dinitrotoluene	15.138	165	142010	46.382	ng	90
58) Fluorene	15.825	166	441501	42.471	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.402	232	124226	43.659	ng	99
60) Diethylphthalate	15.584	149	463833	42.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.814	204	223553	43.593	ng	98
62) 4-Nitroaniline	15.849	138	108392	42.844	ng	98
63) Azobenzene	16.107	77	433029	42.164	ng	99
65) 4,6-Dinitro-2-methylph...	15.896	198	74147	45.713	ng	95
66) n-Nitrosodiphenylamine	16.031	169	401568	43.699	ng	100
67) 4-Bromophenyl-phenylether	16.713	248	154424	44.140	ng	98
68) Hexachlorobenzene	16.830	284	172932	43.970	ng	97
69) Atrazine	16.971	200	151970	46.877	ng	99
70) Pentachlorophenol	17.171	266	203066	95.028	ng	98
71) Phenanthrene	17.570	178	714893	42.115	ng	99
72) Anthracene	17.664	178	723913	43.864	ng	100
73) Carbazole	17.929	167	688949	45.310	ng	100
74) Di-n-butylphthalate	18.475	149	828086	43.038	ng	99
75) Fluoranthene	19.574	202	889830	43.091	ng	100
77) Benzidine	19.750	184	457875	62.646	ng	99
78) Pyrene	19.938	202	888363	43.174	ng	99
80) Butylbenzylphthalate	20.814	149	369693	43.074	ng	97
81) Benzo(a)anthracene	21.801	228	857189	42.843	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	270648	38.582	ng	98
83) Chrysene	21.871	228	810438	42.364	ng	100
84) Bis(2-ethylhexyl)phtha...	21.689	149	546433	44.190	ng	99
85) Di-n-octyl phthalate	22.952	149	918984	43.824	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1026890	42.541	ng	99
88) Benzo(b)fluoranthene	24.116	252	907259	45.485	ng	99
89) Benzo(k)fluoranthene	24.186	252	909449	45.305	ng	98
90) Benzo(a)pyrene	25.026	252	810016	47.533	ng	99
91) Dibenzo(a,h)anthracene	29.133	278	882062	44.853	ng	99
92) Benzo(g,h,i)perylene	30.279	276	883132	44.452	ng	99

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

