

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054744.D
 Acq On : 25 Aug 2022 20:31
 Operator : CG/JU
 Sample : PB147245BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147245BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 05:18:37 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	8.148	152	50134	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	214845	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	141991	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	314720	20.000	ng	0.00
76) Chrysene-d12	21.826	240	286561	20.000	ng	0.00
86) Perylene-d12	25.186	264	309701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	442931	153.848	ng	0.00
7) Phenol-d6	7.296	99	573951	145.773	ng	0.00
23) Nitrobenzene-d5	9.323	82	350263	85.585	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	238025	134.154	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	786473	83.250	ng	0.00
79) Terphenyl-d14	20.128	244	1310387	90.605	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.529	88	49222	35.804	ng	99
3) Pyridine	3.941	79	138994	36.248	ng	98
4) n-Nitrosodimethylamine	3.853	42	78207	47.182	ng	100
6) Aniline	7.472	93	232419	49.683	ng	98
8) 2-Chlorophenol	7.713	128	165272	52.543	ng	99
9) Benzaldehyde	7.284	77	100482	38.938	ng	99
10) Phenol	7.325	94	203082	50.155	ng	99
11) bis(2-Chloroethyl)ether	7.560	93	159361	48.937	ng	98
12) 1,3-Dichlorobenzene	8.036	146	175475	48.206	ng	100
13) 1,4-Dichlorobenzene	8.189	146	177457	48.331	ng	98
14) 1,2-Dichlorobenzene	8.506	146	172398	49.518	ng	100
15) Benzyl Alcohol	8.388	79	146775	51.601	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.676	45	249012	48.868	ng	99
17) 2-Methylphenol	8.588	107	141922	50.908	ng	98
18) Hexachloroethane	9.246	117	64521	48.460	ng	100
19) n-Nitroso-di-n-propyla...	8.958	70	127761	47.187	ng	98
20) 3+4-Methylphenols	8.917	107	189560	49.035	ng	98
22) Acetophenone	8.976	105	242764	45.165	ng	# 99
24) Nitrobenzene	9.370	77	180661	43.796	ng	96
25) Isophorone	9.887	82	351897	46.115	ng	99
26) 2-Nitrophenol	10.081	139	86104	47.254	ng	98
27) 2,4-Dimethylphenol	10.128	122	154230	53.422	ng	98
28) bis(2-Chloroethoxy)met...	10.368	93	212124	48.783	ng	99
29) 2,4-Dichlorophenol	10.615	162	153744	46.820	ng	99
30) 1,2,4-Trichlorobenzene	10.833	180	164448	43.822	ng	97
31) Naphthalene	11.026	128	495868	43.018	ng	100
32) Benzoic acid	10.263	122	78960	39.884	ng	96
33) 4-Chloroaniline	11.132	127	181319	38.584	ng	98
34) Hexachlorobutadiene	11.303	225	104785	43.582	ng	100
35) Caprolactam	11.902	113	54040m	46.646	ng	
36) 4-Chloro-3-methylphenol	12.237	107	170499	47.481	ng	97
37) 2-Methylnaphthalene	12.625	142	352075	43.579	ng	98
38) 1-Methylnaphthalene	12.842	142	334024	42.495	ng	98
40) 1,2,4,5-Tetrachloroben...	12.983	216	187392	43.781	ng	99
41) Hexachlorocyclopentadiene	12.960	237	259776	114.442	ng	98
43) 2,4,6-Trichlorophenol	13.218	196	129121	45.449	ng	99

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44) 2,4,5-Trichlorophenol	13.289	196	141542	44.363	ng	99
46) 1,1'-Biphenyl	13.618	154	468497	44.431	ng	99
47) 2-Chloronaphthalene	13.665	162	344810	43.058	ng	100
48) 2-Nitroaniline	13.864	65	113580	45.257	ng	97
49) Acenaphthylene	14.511	152	574832	43.500	ng	100
50) Dimethylphthalate	14.235	163	472081	43.155	ng	99
51) 2,6-Dinitrotoluene	14.352	165	102347	45.742	ng	91
52) Acenaphthene	14.851	154	402207m	47.383	ng	
53) 3-Nitroaniline	14.687	138	97128	38.778	ng	97
54) 2,4-Dinitrophenol	14.887	184	108337	85.310	ng	91
55) Dibenzofuran	15.180	168	539488	43.252	ng	100
56) 4-Nitrophenol	14.981	139	184860	95.371	ng	97
57) 2,4-Dinitrotoluene	15.139	165	142710	46.112	ng	88
58) Fluorene	15.827	166	451741	42.991	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.398	232	123420	42.912	ng	96
60) Diethylphthalate	15.586	149	474810	43.467	ng	98
61) 4-Chlorophenyl-phenyle...	15.815	204	230907	44.546	ng	98
62) 4-Nitroaniline	15.850	138	110880	43.359	ng	97
63) Azobenzene	16.109	77	444008	42.770	ng	99
65) 4,6-Dinitro-2-methylph...	15.897	198	74414	46.451	ng	98
66) n-Nitrosodiphenylamine	16.032	169	406128	44.748	ng	99
67) 4-Bromophenyl-phenylether	16.714	248	157454	45.568	ng	98
68) Hexachlorobenzene	16.826	284	173972	44.787	ng	99
69) Atrazine	16.972	200	150308	46.943	ng	99
70) Pentachlorophenol	17.172	266	206531	97.857	ng	99
71) Phenanthrene	17.572	178	726851	43.354	ng	99
72) Anthracene	17.666	178	737470	45.244	ng	100
73) Carbazole	17.930	167	691477	46.044	ng	99
74) Di-n-butylphthalate	18.477	149	834498	43.913	ng	100
75) Fluoranthene	19.575	202	895424	43.904	ng	100
77) Benzidine	19.752	184	640305	90.212	ng	98
78) Pyrene	19.940	202	891849	44.633	ng	99
80) Butylbenzylphthalate	20.815	149	365945	43.906	ng	98
81) Benzo(a)anthracene	21.802	228	853625	43.934	ng	99
82) 3,3'-Dichlorobenzidine	21.714	252	295653	43.401	ng	98
83) Chrysene	21.873	228	795843	42.839	ng	99
84) Bis(2-ethylhexyl)phtha...	21.690	149	542952	45.215	ng	100
85) Di-n-octyl phthalate	22.954	149	913069	44.837	ng	97
87) Indeno(1,2,3-cd)pyrene	29.064	276	1029316	43.779	ng	99
88) Benzo(b)fluoranthene	24.111	252	900586	46.355	ng	99
89) Benzo(k)fluoranthene	24.188	252	903933	46.232	ng	99
90) Benzo(a)pyrene	25.028	252	809354	48.761	ng	99
91) Dibenzo(a,h)anthracene	29.135	278	881518	46.021	ng	99
92) Benzo(g,h,i)perylene	30.280	276	885076	45.739	ng	99

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

