

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052810.D
 Acq On : 24 Mar 2022 15:43
 Operator : CG/JU
 Sample : PB143570BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143570BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

Quant Time: Mar 24 16:50:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	34811	20.000	ng	0.00
21) Naphthalene-d8	10.955	136	146391	20.000	ng	0.00
39) Acenaphthene-d10	14.761	164	105121	20.000	ng	0.00
64) Phenanthrene-d10	17.505	188	256432	20.000	ng	0.00
76) Chrysene-d12	21.799	240	277008	20.000	ng	0.00
86) Perylene-d12	25.106	264	293945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	279054	139.604	ng	0.00
7) Phenol-d6	7.295	99	389642	129.297	ng	0.00
23) Nitrobenzene-d5	9.304	82	269198	92.295	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	190609	134.940	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	597482	83.827	ng	0.00
79) Terphenyl-d14	20.113	244	1263347	81.128	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.588	88	32320	32.323	ng	# 88
3) Pyridine	3.988	79	81589	31.831	ng	97
4) n-Nitrosodimethylamine	3.894	42	54297	47.751	ng	80
6) Aniline	7.460	93	133908	37.897	ng	97
8) 2-Chlorophenol	7.706	128	101291	48.226	ng	95
9) Benzaldehyde	7.272	77	66791	40.345	ng	98
10) Phenol	7.319	94	138597	46.591	ng	89
11) bis(2-Chloroethyl)ether	7.553	93	97341	43.330	ng	94
12) 1,3-Dichlorobenzene	8.035	146	103231	40.821	ng	95
13) 1,4-Dichlorobenzene	8.176	146	104590	41.163	ng	96
14) 1,2-Dichlorobenzene	8.499	146	100957	42.013	ng	98
15) Benzyl Alcohol	8.376	79	110775	43.657	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.664	45	166859	42.651	ng	97
17) 2-Methylphenol	8.576	107	92749	46.770	ng	96
18) Hexachloroethane	9.239	117	40351	43.284	ng	89
19) n-Nitroso-di-n-propyla...	8.946	70	92956	43.552	ng	# 90
20) 3+4-Methylphenols	8.899	107	125318	45.155	ng	96
22) Acetophenone	8.963	105	155927	41.159	ng	92
24) Nitrobenzene	9.345	77	138656	47.511	ng	92
25) Isophorone	9.874	82	253908	44.958	ng	99
26) 2-Nitrophenol	10.062	139	54224	53.504	ng	# 86
27) 2,4-Dimethylphenol	10.115	122	100563	48.502	ng	93
28) bis(2-Chloroethoxy)met...	10.350	93	137827	41.273	ng	99
29) 2,4-Dichlorophenol	10.596	162	106632	45.705	ng	98
30) 1,2,4-Trichlorobenzene	10.820	180	115449	41.948	ng	96
31) Naphthalene	11.008	128	312993	41.346	ng	99
32) Benzoic acid	10.244	122	68470	44.888	ng	92
33) 4-Chloroaniline	11.102	127	59371	18.504	ng	94
34) Hexachlorobutadiene	11.295	225	80095	40.590	ng	98
35) Caprolactam	11.871	113	33863m	53.156	ng	
36) 4-Chloro-3-methylphenol	12.212	107	120619	44.522	ng	94
37) 2-Methylnaphthalene	12.600	142	228328	41.186	ng	95
38) 1-Methylnaphthalene	12.817	142	217321m	40.166	ng	
40) 1,2,4,5-Tetrachloroben...	12.970	216	139565	42.496	ng	97
41) Hexachlorocyclopentadiene	12.952	237	198016	101.718	ng	95
43) 2,4,6-Trichlorophenol	13.199	196	98236	46.708	ng	92

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44) 2,4,5-Trichlorophenol	13.269	196	108400	50.779	ng	98
46) 1,1'-Biphenyl	13.598	154	310864	42.286	ng	99
47) 2-Chloronaphthalene	13.645	162	246708	42.613	ng	96
48) 2-Nitroaniline	13.833	65	90793	57.343	ng	90
49) Acenaphthylene	14.485	152	413024	44.753	ng	98
50) Dimethylphthalate	14.209	163	326289	41.764	ng	100
51) 2,6-Dinitrotoluene	14.327	165	72069	54.636	ng	# 85
52) Acenaphthene	14.826	154	296955	50.226	ng	96
53) 3-Nitroaniline	14.656	138	51734	33.517	ng	# 91
54) 2,4-Dinitrophenol	14.855	184	87899	122.249	ng	# 82
55) Dibenzofuran	15.161	168	392215	40.622	ng	97
56) 4-Nitrophenol	14.955	139	126484	100.457	ng	# 79
57) 2,4-Dinitrotoluene	15.108	165	100786	55.068	ng	88
58) Fluorene	15.807	166	325750	41.389	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.384	232	101179	44.343	ng	# 97
60) Diethylphthalate	15.572	149	342365	41.514	ng	100
61) 4-Chlorophenyl-phenyle...	15.795	204	177507	40.896	ng	97
62) 4-Nitroaniline	15.819	138	77071	47.255	ng	# 80
63) Azobenzene	16.089	77	360048	40.847	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	61066	53.416	ng	99
66) n-Nitrosodiphenylamine	16.007	169	294433	40.784	ng	99
67) 4-Bromophenyl-phenylether	16.694	248	125169	40.487	ng	95
68) Hexachlorobenzene	16.817	284	139518	41.985	ng	94
69) Atrazine	16.953	200	124468	46.757	ng	98
70) Pentachlorophenol	17.152	266	183004	88.768	ng	91
71) Phenanthrene	17.552	178	564103	41.120	ng	98
72) Anthracene	17.640	178	570483	42.066	ng	98
73) Carbazole	17.904	167	540677	40.255	ng	99
74) Di-n-butylphthalate	18.462	149	633348	43.165	ng	99
75) Fluoranthene	19.555	202	760901	43.695	ng	98
77) Benzidine	19.725	184	340138	47.608	ng	100
78) Pyrene	19.913	202	765788	39.853	ng	99
80) Butylbenzylphthalate	20.794	149	293059	42.995	ng	95
81) Benzo(a)anthracene	21.775	228	784770	42.308	ng	99
82) 3,3'-Dichlorobenzidine	21.681	252	195934	29.912	ng	99
83) Chrysene	21.846	228	709180	40.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.676	149	411962	44.442	ng	100
85) Di-n-octyl phthalate	22.921	149	702369	45.515	ng	96
87) Indeno(1,2,3-cd)pyrene	28.901	276	874168	43.448	ng	100
88) Benzo(b)fluoranthene	24.055	252	820572	44.960	ng	100
89) Benzo(k)fluoranthene	24.125	252	769295	42.841	ng	97
90) Benzo(a)pyrene	24.953	252	781995	50.617	ng	99
91) Dibenzo(a,h)anthracene	28.972	278	754552	45.514	ng	98
92) Benzo(g,h,i)perylene	30.094	276	752318	45.863	ng	96

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

