

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
 Data File : BG054394.D
 Acq On : 26 Jul 2022 12:03
 Operator : CG/JU
 Sample : PB146384BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146384BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/27/2022
 Supervised By : Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 04:32:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	17934	20.000	ng	-0.01
21) Naphthalene-d8	10.796	136	68948	20.000	ng	#-0.01
39) Acenaphthene-d10	14.626	164	54885	20.000	ng	0.00
64) Phenanthrene-d10	17.370	188	147372	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	164549	20.000	ng	# 0.00
86) Perylene-d12	24.832	264	168547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	127690	148.657	ng	0.00
7) Phenol-d6	7.170	99	165191	140.351	ng	0.00
23) Nitrobenzene-d5	9.150	82	110560	87.323	ng	-0.01
42) 2,4,6-Tribromophenol	16.119	330	150754	130.820	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	332347	85.422	ng	-0.01
79) Terphenyl-d14	19.979	244	777640	93.752	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.404	88	11329	33.152	ng	96
3) Pyridine	3.810	79	28204	32.535	ng	95
4) n-Nitrosodimethylamine	3.727	42	23333	48.137	ng	# 81
6) Aniline	7.311	93	54478	40.099	ng	98
8) 2-Chlorophenol	7.558	128	51521	52.193	ng	89
9) Benzaldehyde	7.117	77	14069m	20.961	ng	
10) Phenol	7.200	94	61199	52.334	ng	96
11) bis(2-Chloroethyl)ether	7.399	93	41883	49.122	ng	90
12) 1,3-Dichlorobenzene	7.875	146	57147	47.515	ng	92
13) 1,4-Dichlorobenzene	8.022	146	58524	47.120	ng	96
14) 1,2-Dichlorobenzene	8.340	146	57057	48.715	ng	99
15) Benzyl Alcohol	8.228	79	49419	51.051	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	51261	47.737	ng	92
17) 2-Methylphenol	8.445	107	42682	50.640	ng	96
18) Hexachloroethane	9.068	117	20324	49.420	ng	# 66
19) n-Nitroso-di-n-propyla...	8.798	70	36234	46.102	ng	# 96
20) 3+4-Methylphenols	8.774	107	57669	48.560	ng	96
22) Acetophenone	8.810	105	75419	45.480	ng	# 98
24) Nitrobenzene	9.197	77	55874	45.156	ng	# 88
25) Isophorone	9.714	82	102243	46.433	ng	# 91
26) 2-Nitrophenol	9.908	139	29926	47.982	ng	90
27) 2,4-Dimethylphenol	9.979	122	49113	57.003	ng	92
28) bis(2-Chloroethoxy)met...	10.196	93	55592	50.057	ng	# 98
29) 2,4-Dichlorophenol	10.461	162	62074	47.731	ng	90
30) 1,2,4-Trichlorobenzene	10.660	180	73588	45.688	ng	# 94
31) Naphthalene	10.848	128	154660	44.686	ng	98
32) Benzoic acid	10.143	122	16468	48.130	ng	90
33) 4-Chloroaniline	10.960	127	54291	38.573	ng	95
34) Hexachlorobutadiene	11.130	225	62879	44.174	ng	97
35) Caprolactam	11.736	113	16242m	49.601	ng	
36) 4-Chloro-3-methylphenol	12.100	107	57057	48.226	ng	86
37) 2-Methylnaphthalene	12.452	142	116277	43.748	ng	99
38) 1-Methylnaphthalene	12.670	142	112067m	43.271	ng	
40) 1,2,4,5-Tetrachloroben...	12.828	216	106872	44.445	ng	# 95
41) Hexachlorocyclopentadiene	12.805	237	59598	76.708	ng	95
43) 2,4,6-Trichlorophenol	13.069	196	62181	47.493	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	67167m	45.403	ng	
46) 1,1'-Biphenyl	13.457	154	170034	45.284	ng	96
47) 2-Chloronaphthalene	13.504	162	140569	44.734	ng	96
48) 2-Nitroaniline	13.704	65	38137	46.503	ng	91
49) Acenaphthylene	14.350	152	217030	46.481	ng	99
50) Dimethylphthalate	14.080	163	190539	44.445	ng	# 98
51) 2,6-Dinitrotoluene	14.203	165	43419	46.175	ng	# 73
52) Acenaphthene	14.691	154	125876	44.519	ng	99
53) 3-Nitroaniline	14.532	138	31112	39.561	ng	84
54) 2,4-Dinitrophenol	14.756	184	48204	87.634	ng	# 74
55) Dibenzofuran	15.026	168	222371	44.201	ng	94
56) 4-Nitrophenol	14.873	139	49797	94.909	ng	92
57) 2,4-Dinitrotoluene	14.996	165	63588	47.171	ng	# 79
58) Fluorene	15.672	166	180348	43.601	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.261	232	62195	43.183	ng	# 87
60) Diethylphthalate	15.437	149	184715	44.914	ng	95
61) 4-Chlorophenyl-phenyle...	15.660	204	121752	44.842	ng	# 87
62) 4-Nitroaniline	15.696	138	36491	44.166	ng	89
63) Azobenzene	15.954	77	132804	44.692	ng	84
65) 4,6-Dinitro-2-methylph...	15.766	198	39525	43.411	ng	75
66) n-Nitrosodiphenylamine	15.878	169	167411	45.499	ng	94
67) 4-Bromophenyl-phenylether	16.553	248	92973	44.920	ng	# 88
68) Hexachlorobenzene	16.683	284	105981	44.776	ng	# 89
69) Atrazine	16.824	200	80055	48.894	ng	96
70) Pentachlorophenol	17.035	266	87156	84.663	ng	95
71) Phenanthrene	17.411	178	326317	44.463	ng	97
72) Anthracene	17.505	178	328552	45.620	ng	99
73) Carbazole	17.770	167	280227	47.262	ng	99
74) Di-n-butylphthalate	18.322	149	325550	46.527	ng	# 98
75) Fluoranthene	19.421	202	434509	43.432	ng	96
77) Benzidine	19.597	184	143440	48.132	ng	96
78) Pyrene	19.785	202	434177	45.985	ng	98
80) Butylbenzylphthalate	20.660	149	134295	45.642	ng	# 85
81) Benzo(a)anthracene	21.618	228	463132	44.338	ng	98
82) 3,3'-Dichlorobenzidine	21.524	252	138553	42.651	ng	# 97
83) Chrysene	21.683	228	428450	43.416	ng	97
84) Bis(2-ethylhexyl)phtha...	21.512	149	189676	45.558	ng	# 92
85) Di-n-octyl phthalate	22.705	149	329975	46.457	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.510	276	573315	44.713	ng	# 98
88) Benzo(b)fluoranthene	23.821	252	483768	48.534	ng	# 98
89) Benzo(k)fluoranthene	23.886	252	477157	48.100	ng	# 97
90) Benzo(a)pyrene	24.691	252	468579	55.046	ng	# 99
91) Dibenzo(a,h)anthracene	28.557	278	506903	48.078	ng	# 97
92) Benzo(g,h,i)perylene	29.644	276	496908	47.752	ng	# 93

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

