

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070722\
 Data File : BG054229.D
 Acq On : 7 Jul 2022 17:35
 Operator : CG/JU
 Sample : N3575-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

WC-4MSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

Quant Time: Jul 07 18:32:35 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	18095	20.000	ng	0.00
21) Naphthalene-d8	10.872	136	72617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.691	164	61008	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	172001	20.000	ng	# 0.00
76) Chrysene-d12	21.712	240	190761	20.000	ng	0.00
86) Perylene-d12	24.962	264	201232	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.631	112	131328	138.761	ng	0.00
7) Phenol-d6	7.229	99	163514	127.356	ng	0.00
23) Nitrobenzene-d5	9.227	82	128375	99.346	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	174553	178.079	ng	0.00
45) 2-Fluorobiphenyl	13.316	172	377904	90.074	ng	0.00
79) Terphenyl-d14	20.044	244	977586	103.215	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.510	88	15969	38.598	ng	# 87
3) Pyridine	3.910	79	32971m	29.864	ng	
4) n-Nitrosodimethylamine	3.822	42	24759	50.983	ng	# 90
6) Aniline	7.388	93	45559	29.929	ng	96
8) 2-Chlorophenol	7.629	128	56307	55.719	ng	91
9) Benzaldehyde	7.200	77	39042	51.524	ng	82
10) Phenol	7.259	94	60725	46.669	ng	97
11) bis(2-Chloroethyl)ether	7.476	93	49307	49.371	ng	96
12) 1,3-Dichlorobenzene	7.952	146	60739	47.967	ng	90
13) 1,4-Dichlorobenzene	8.099	146	62819	49.387	ng	95
14) 1,2-Dichlorobenzene	8.422	146	60842	49.827	ng	98
15) Benzyl Alcohol	8.299	79	53032m	55.265	ng	
16) 2,2'-oxybis(1-Chloropr...	8.593	45	71336	47.781	ng	96
17) 2-Methylphenol	8.510	107	48005	53.109	ng	93
18) Hexachloroethane	9.151	117	21162	50.151	ng	# 70
19) n-Nitroso-di-n-propyla...	8.863	70	43844	50.830	ng	# 94
20) 3+4-Methylphenols	8.839	107	64081	50.552	ng	97
22) Acetophenone	8.886	105	87367	49.496	ng	# 94
24) Nitrobenzene	9.268	77	64739	50.876	ng	# 87
25) Isophorone	9.791	82	127174	52.696	ng	# 93
26) 2-Nitrophenol	9.985	139	33576	59.740	ng	# 80
27) 2,4-Dimethylphenol	10.044	122	54231	59.614	ng	92
28) bis(2-Chloroethoxy)met...	10.267	93	70135	53.946	ng	99
29) 2,4-Dichlorophenol	10.526	162	68504	56.165	ng	91
30) 1,2,4-Trichlorobenzene	10.737	180	74987	49.652	ng	# 95
31) Naphthalene	10.925	128	175698	47.928	ng	99
32) Benzoic acid	10.179	122	14789m	39.827	ng	
33) 4-Chloroaniline	11.031	127	31142	20.477	ng	# 89
34) Hexachlorobutadiene	11.207	225	57931	49.893	ng	95
35) Caprolactam	11.795	113	17343m	51.651	ng	
36) 4-Chloro-3-methylphenol	12.153	107	70645	59.582	ng	89
37) 2-Methylnaphthalene	12.523	142	136078	50.171	ng	97
38) 1-Methylnaphthalene	12.741	142	132240	50.073	ng	96
40) 1,2,4,5-Tetrachloroben...	12.893	216	114331	48.635	ng	# 96
41) Hexachlorocyclopentadiene	12.876	237	77449	70.754	ng	96
43) 2,4,6-Trichlorophenol	13.134	196	70768	53.592	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	80316	54.473	ng	# 92
46) 1,1'-Biphenyl	13.528	154	203646	47.922	ng	97
47) 2-Chloronaphthalene	13.575	162	165994	48.266	ng	95
48) 2-Nitroaniline	13.769	65	52007	56.848	ng	# 87
49) Acenaphthylene	14.415	152	263812	49.331	ng	99
50) Dimethylphthalate	14.139	163	242693	52.234	ng	99
51) 2,6-Dinitrotoluene	14.262	165	55801	59.443	ng	# 75
52) Acenaphthene	14.756	154	190676m	55.936	ng	
53) 3-Nitroaniline	14.591	138	24320	26.741	ng	85
54) 2,4-Dinitrophenol	14.809	184	56546	106.595	ng	# 72
55) Dibenzofuran	15.091	168	280615	51.093	ng	93
56) 4-Nitrophenol	14.915	139	65750	101.829	ng	88
57) 2,4-Dinitrotoluene	15.056	165	82089	61.918	ng	# 84
58) Fluorene	15.737	166	235819	52.294	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.320	232	79708	55.280	ng	# 90
60) Diethylphthalate	15.502	149	243908	54.207	ng	96
61) 4-Chlorophenyl-phenyle...	15.725	204	148236	54.908	ng	# 89
62) 4-Nitroaniline	15.755	138	51281	54.068	ng	# 78
63) Azobenzene	16.019	77	188751	52.114	ng	90
65) 4,6-Dinitro-2-methylph...	15.819	198	48175	56.140	ng	87
66) n-Nitrosodiphenylamine	15.943	169	221511	49.415	ng	96
67) 4-Bromophenyl-phenylether	16.618	248	112757	52.489	ng	93
68) Hexachlorobenzene	16.748	284	126605	51.522	ng	# 92
69) Atrazine	16.889	200	110124	59.303	ng	95
70) Pentachlorophenol	17.094	266	118228	103.575	ng	98
71) Phenanthrene	17.482	178	431908	48.875	ng	98
72) Anthracene	17.570	178	437586	50.708	ng	100
73) Carbazole	17.841	167	378572	51.110	ng	98
74) Di-n-butylphthalate	18.387	149	442864	51.712	ng	# 98
75) Fluoranthene	19.486	202	568564	49.012	ng	97
77) Benzidine	19.656	184	173378	43.888	ng	97
78) Pyrene	19.850	202	569007	49.387	ng	98
80) Butylbenzylphthalate	20.725	149	192402	52.099	ng	# 88
81) Benzo(a)anthracene	21.689	228	610166	49.400	ng	99
82) 3,3'-Dichlorobenzidine	21.601	252	132769	35.979	ng	# 96
83) Chrysene	21.759	228	568982	48.328	ng	97
84) Bis(2-ethylhexyl)phtha...	21.589	149	279156	52.853	ng	# 95
85) Di-n-octyl phthalate	22.805	149	470836	51.865	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.704	276	740579	48.768	ng	99
88) Benzo(b)fluoranthene	23.933	252	649370	53.073	ng	98
89) Benzo(k)fluoranthene	23.998	252	606170	50.038	ng	98
90) Benzo(a)pyrene	24.815	252	566053	54.832	ng	99
91) Dibenzo(a,h)anthracene	28.751	278	645484	51.402	ng	97
92) Benzo(g,h,i)perylene	29.868	276	636591	51.369	ng	# 95

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

