

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
 Data File : BG054187.D
 Acq On : 1 Jul 2022 12:16
 Operator : CG/JU
 Sample : PB145925BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145925BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 01 23:33:35 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	17024	20.000	ng	# 0.00
21) Naphthalene-d8	10.878	136	73042	20.000	ng	# 0.00
39) Acenaphthene-d10	14.691	164	62500	20.000	ng	0.00
64) Phenanthrene-d10	17.441	188	171472	20.000	ng	# 0.00
76) Chrysene-d12	21.718	240	177481	20.000	ng	0.00
86) Perylene-d12	24.973	264	181180	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	114411	128.491	ng	0.00
7) Phenol-d6	7.230	99	156290	129.388	ng	0.00
23) Nitrobenzene-d5	9.227	82	101178	77.843	ng	0.00
42) 2,4,6-Tribromophenol	16.184	330	137715	137.143	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	313655	72.975	ng	0.00
79) Terphenyl-d14	20.044	244	737064	83.643	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.510	88	10301	26.464	ng	# 81
3) Pyridine	3.910	79	28191	27.141	ng	86
4) n-Nitrosodimethylamine	3.828	42	19723	43.168	ng	# 89
6) Aniline	7.388	93	55645	38.855	ng	96
8) 2-Chlorophenol	7.629	128	45763	48.134	ng	93
9) Benzaldehyde	7.194	77	29061m	40.765	ng	
10) Phenol	7.259	94	55939	45.696	ng	96
11) bis(2-Chloroethyl)ether	7.476	93	36965	39.341	ng	97
12) 1,3-Dichlorobenzene	7.958	146	47405	39.792	ng	91
13) 1,4-Dichlorobenzene	8.099	146	49134	41.058	ng	98
14) 1,2-Dichlorobenzene	8.422	146	47041	40.948	ng	99
15) Benzyl Alcohol	8.299	79	43900m	48.627	ng	
16) 2,2'-oxybis(1-Chloropr...	8.593	45	56538	40.252	ng	98
17) 2-Methylphenol	8.510	107	39425	46.361	ng	96
18) Hexachloroethane	9.151	117	16977	42.764	ng	# 82
19) n-Nitroso-di-n-propyla...	8.869	70	34846	42.940	ng	# 89
20) 3+4-Methylphenols	8.834	107	54483	45.684	ng	97
22) Acetophenone	8.886	105	67739	38.153	ng	# 95
24) Nitrobenzene	9.268	77	50800	39.690	ng	# 83
25) Isophorone	9.791	82	99008	40.786	ng	95
26) 2-Nitrophenol	9.985	139	26181	46.311	ng	# 86
27) 2,4-Dimethylphenol	10.044	122	45652	49.892	ng	90
28) bis(2-Chloroethoxy)met...	10.273	93	55118	42.148	ng	95
29) 2,4-Dichlorophenol	10.526	162	56683	46.203	ng	90
30) 1,2,4-Trichlorobenzene	10.737	180	58323	38.393	ng	96
31) Naphthalene	10.925	128	137326	37.243	ng	98
32) Benzoic acid	10.197	122	21800	53.114	ng	# 74
33) 4-Chloroaniline	11.031	127	53276	34.827	ng	# 94
34) Hexachlorobutadiene	11.213	225	46221	39.576	ng	97
35) Caprolactam	11.801	113	17695m	52.393	ng	
36) 4-Chloro-3-methylphenol	12.153	107	57542	48.249	ng	86
37) 2-Methylnaphthalene	12.529	142	109855	40.267	ng	98
38) 1-Methylnaphthalene	12.747	142	104561	39.362	ng	97
40) 1,2,4,5-Tetrachloroben...	12.899	216	90570	37.608	ng	96
41) Hexachlorocyclopentadiene	12.876	237	79828	71.186	ng	99
43) 2,4,6-Trichlorophenol	13.134	196	58258	43.065	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.211	196	64388	42.628	ng	# 93
46) 1,1'-Biphenyl	13.528	154	161432	37.081	ng	98
47) 2-Chloronaphthalene	13.575	162	130945	37.166	ng	97
48) 2-Nitroaniline	13.769	65	41037	43.786	ng	87
49) Acenaphthylene	14.415	152	207318	37.841	ng	99
50) Dimethylphthalate	14.145	163	190832	40.091	ng	99
51) 2,6-Dinitrotoluene	14.262	165	42654	44.353	ng	# 78
52) Acenaphthene	14.762	154	154542m	44.253	ng	
53) 3-Nitroaniline	14.597	138	32518	34.901	ng	85
54) 2,4-Dinitrophenol	14.809	184	50702	94.177	ng	# 77
55) Dibenzofuran	15.091	168	221202	39.314	ng	95
56) 4-Nitrophenol	14.915	139	60103	90.861	ng	89
57) 2,4-Dinitrotoluene	15.056	165	63498	46.752	ng	# 84
58) Fluorene	15.743	166	183112	39.637	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.320	232	63665	43.100	ng	# 90
60) Diethylphthalate	15.502	149	189409	41.090	ng	97
61) 4-Chlorophenyl-phenyle...	15.726	204	115524	41.770	ng	# 88
62) 4-Nitroaniline	15.755	138	39748	40.908	ng	# 82
63) Azobenzene	16.019	77	147085	39.640	ng	91
65) 4,6-Dinitro-2-methylph...	15.825	198	39767	46.485	ng	77
66) n-Nitrosodiphenylamine	15.943	169	170434	38.138	ng	96
67) 4-Bromophenyl-phenylether	16.624	248	86105	40.206	ng	# 93
68) Hexachlorobenzene	16.754	284	96504	39.393	ng	# 92
69) Atrazine	16.889	200	82456	44.541	ng	93
70) Pentachlorophenol	17.094	266	99462	87.404	ng	95
71) Phenanthrene	17.482	178	326872	37.103	ng	98
72) Anthracene	17.576	178	334539	38.887	ng	99
73) Carbazole	17.841	167	288451	39.063	ng	99
74) Di-n-butylphthalate	18.393	149	332152	38.904	ng	# 97
75) Fluoranthene	19.492	202	421859	36.478	ng	96
77) Benzidine	19.662	184	176847	48.116	ng	97
78) Pyrene	19.850	202	422226	39.389	ng	98
80) Butylbenzylphthalate	20.731	149	136201	39.641	ng	# 87
81) Benzo(a)anthracene	21.695	228	438449	38.154	ng	99
82) 3,3'-Dichlorobenzidine	21.607	252	134307	39.119	ng	# 98
83) Chrysene	21.765	228	406461	37.107	ng	97
84) Bis(2-ethylhexyl)phtha...	21.595	149	194936	39.669	ng	# 95
85) Di-n-octyl phthalate	22.817	149	331609	39.262	ng	95
87) Indeno(1,2,3-cd)pyrene	28.716	276	526669	38.520	ng	# 98
88) Benzo(b)fluoranthene	23.939	252	462286	41.964	ng	99
89) Benzo(k)fluoranthene	24.010	252	430550	39.474	ng	99
90) Benzo(a)pyrene	24.821	252	402218	43.274	ng	98
91) Dibenzo(a,h)anthracene	28.763	278	463201	40.969	ng	# 96
92) Benzo(g,h,i)perylene	29.880	276	454372	40.723	ng	# 94

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

