

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053874.D
 Acq On : 10 Jun 2022 14:19
 Operator : CG/JU
 Sample : PB145428BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB145428BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/13/2022

Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 17:34:19 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 02 23:22:27 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	22355	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	88269	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	64985	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	166551	20.000	ng	0.00
76) Chrysene-d12	21.736	240	187103	20.000	ng	0.00
86) Perylene-d12	25.003	264	194112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	152983	125.668	ng	0.00
7) Phenol-d6	7.242	99	198260	120.228	ng	0.00
23) Nitrobenzene-d5	9.251	82	123398	91.803	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	125915	159.623	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	343210	79.010	ng	0.00
79) Terphenyl-d14	20.062	244	767049	81.558	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	15211	25.841	ng	93
3) Pyridine	3.946	79	40804	28.599	ng	95
4) n-Nitrosodimethylamine	3.857	42	26031	40.407	ng	# 98
6) Aniline	7.412	93	73088	36.416	ng	96
8) 2-Chlorophenol	7.653	128	58885	47.253	ng	92
9) Benzaldehyde	7.224	77	32084	29.178	ng	# 78
10) Phenol	7.271	94	72347	42.458	ng	96
11) bis(2-Chloroethyl)ether	7.506	93	53334	39.794	ng	91
12) 1,3-Dichlorobenzene	7.982	146	63620	40.119	ng	90
13) 1,4-Dichlorobenzene	8.123	146	65359	40.527	ng	98
14) 1,2-Dichlorobenzene	8.446	146	63355	41.006	ng	96
15) Benzyl Alcohol	8.323	79	53014	42.950	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.617	45	76741	32.636	ng	97
17) 2-Methylphenol	8.523	107	49323	42.346	ng	# 92
18) Hexachloroethane	9.181	117	21686	40.641	ng	# 75
19) n-Nitroso-di-n-propyla...	8.893	70	43754	37.462	ng	96
20) 3+4-Methylphenols	8.852	107	66557	42.059	ng	96
22) Acetophenone	8.910	105	86456	39.665	ng	# 97
24) Nitrobenzene	9.292	77	64406	43.413	ng	# 88
25) Isophorone	9.815	82	120344	39.945	ng	# 94
26) 2-Nitrophenol	10.009	139	30709	62.214	ng	# 82
27) 2,4-Dimethylphenol	10.062	122	56217	51.905	ng	86
28) bis(2-Chloroethoxy)met...	10.297	93	69995	42.754	ng	98
29) 2,4-Dichlorophenol	10.544	162	63773	49.025	ng	91
30) 1,2,4-Trichlorobenzene	10.761	180	72501	44.036	ng	97
31) Naphthalene	10.949	128	174933	38.722	ng	99
32) Benzoic acid	10.215	122	15451m	27.131	ng	
33) 4-Chloroaniline	11.049	127	49423	26.388	ng	94
34) Hexachlorobutadiene	11.243	225	54799	46.980	ng	97
35) Caprolactam	11.813	113	18846m	50.691	ng	
36) 4-Chloro-3-methylphenol	12.165	107	60167	43.458	ng	# 84
37) 2-Methylnaphthalene	12.547	142	126668	38.650	ng	96
38) 1-Methylnaphthalene	12.771	142	122312	38.164	ng	98
40) 1,2,4,5-Tetrachloroben...	12.917	216	98813	45.281	ng	95
41) Hexachlorocyclopentadiene	12.900	237	121952	109.942	ng	97
43) 2,4,6-Trichlorophenol	13.147	196	57746	48.793	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.223	196	64285	48.820	ng	# 93
46) 1,1'-Biphenyl	13.552	154	180759	39.029	ng	98
47) 2-Chloronaphthalene	13.593	162	146230	40.584	ng	96
48) 2-Nitroaniline	13.787	65	41665	45.722	ng	# 86
49) Acenaphthylene	14.439	152	235727	40.781	ng	99
50) Dimethylphthalate	14.163	163	196949	41.355	ng	99
51) 2,6-Dinitrotoluene	14.275	165	43566	50.791	ng	# 77
52) Acenaphthene	14.774	154	157787	42.965	ng	98
53) 3-Nitroaniline	14.604	138	32781	36.342	ng	86
54) 2,4-Dinitrophenol	14.815	184	42781	100.127	ng	# 73
55) Dibenzofuran	15.109	168	231652	39.569	ng	93
56) 4-Nitrophenol	14.909	139	66684	87.358	ng	# 85
57) 2,4-Dinitrotoluene	15.062	165	61540	52.494	ng	86
58) Fluorene	15.755	166	191130	39.430	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.332	232	62338	43.690	ng	# 92
60) Diethylphthalate	15.526	149	193574	40.134	ng	95
61) 4-Chlorophenyl-phenyle...	15.749	204	115660	44.259	ng	# 88
62) 4-Nitroaniline	15.767	138	42980	43.207	ng	# 77
63) Azobenzene	16.043	77	155154	34.379	ng	91
65) 4,6-Dinitro-2-methylph...	15.832	198	34215	52.993	ng	78
66) n-Nitrosodiphenylamine	15.961	169	176263	39.799	ng	98
67) 4-Bromophenyl-phenylether	16.642	248	83195	45.974	ng	92
68) Hexachlorobenzene	16.766	284	94237	46.719	ng	# 91
69) Atrazine	16.907	200	80056	46.167	ng	93
70) Pentachlorophenol	17.107	266	114620	88.778	ng	99
71) Phenanthrene	17.500	178	340530	38.844	ng	98
72) Anthracene	17.588	178	343088	39.988	ng	99
73) Carbazole	17.853	167	308645	39.853	ng	98
74) Di-n-butylphthalate	18.417	149	354440	39.799	ng	# 97
75) Fluoranthene	19.504	202	452258	39.775	ng	97
77) Benzidine	19.680	184	246660	53.912	ng	97
78) Pyrene	19.868	202	456713	38.383	ng	98
80) Butylbenzylphthalate	20.749	149	157014	40.461	ng	88
81) Benzo(a)anthracene	21.713	228	492027	39.611	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	135283	38.640	ng	96
83) Chrysene	21.783	228	450966	38.462	ng	98
84) Bis(2-ethylhexyl)phtha...	21.625	149	224316	40.198	ng	# 94
85) Di-n-octyl phthalate	22.859	149	394059	42.463	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.752	276	578048	40.401	ng	# 98
88) Benzo(b)fluoranthene	23.969	252	502159	41.669	ng	100
89) Benzo(k)fluoranthene	24.040	252	501381	42.091	ng	98
90) Benzo(a)pyrene	24.850	252	488954	47.975	ng	99
91) Dibenzo(a,h)anthracene	28.816	278	503932	42.622	ng	98
92) Benzo(g,h,i)perylene	29.915	276	496002	42.560	ng	96

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

