

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
 Data File : BG051090.D
 Acq On : 17 Nov 2021 13:25
 Operator : CG/JU
 Sample : PB140760BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB140760BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 17 14:16:22 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 15 03:55:35 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.230	152	30994	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	142776	20.000	ng	# 0.00
39) Acenaphthene-d10	14.857	164	98611	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	210877	20.000	ng	# 0.00
76) Chrysene-d12	21.908	240	163504	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	164786	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	272516	131.528	ng	0.00
7) Phenol-d6	7.378	99	361773	123.707	ng	0.00
23) Nitrobenzene-d5	9.405	82	246472	76.417	ng	0.00
42) 2,4,6-Tribromophenol	16.350	330	122638	124.275	ng	0.00
45) 2-Fluorobiphenyl	13.477	172	501717	80.390	ng	0.00
79) Terphenyl-d14	20.192	244	737656	82.551	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	25249	27.176	ng	92
3) Pyridine	4.023	79	67495	24.537	ng	# 86
4) n-Nitrosodimethylamine	3.935	42	47034	38.547	ng	# 43
6) Aniline	7.548	93	147459	42.338	ng	95
8) 2-Chlorophenol	7.789	128	100690	47.314	ng	91
9) Benzaldehyde	7.360	77	72596	34.497	ng	88
10) Phenol	7.407	94	137966	45.937	ng	84
11) bis(2-Chloroethyl)ether	7.636	93	97825	42.271	ng	89
12) 1,3-Dichlorobenzene	8.112	146	98268	42.396	ng	94
13) 1,4-Dichlorobenzene	8.265	146	100085	42.901	ng	97
14) 1,2-Dichlorobenzene	8.582	146	98797	43.604	ng	95
15) Benzyl Alcohol	8.465	79	109960	47.804	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.741	45	146817	39.576	ng	89
17) 2-Methylphenol	8.665	107	93180	46.596	ng	91
18) Hexachloroethane	9.317	117	38004	42.915	ng	95
19) n-Nitroso-di-n-propyla...	9.029	70	90886	42.055	ng	90
20) 3+4-Methylphenols	8.994	107	129374	45.846	ng	91
22) Acetophenone	9.058	105	155589	39.208	ng	# 93
24) Nitrobenzene	9.446	77	131825	41.456	ng	93
25) Isophorone	9.969	82	238738	40.952	ng	# 95
26) 2-Nitrophenol	10.163	139	58623	43.377	ng	# 86
27) 2,4-Dimethylphenol	10.210	122	104168	50.568	ng	92
28) bis(2-Chloroethoxy)met...	10.445	93	136210	39.308	ng	94
29) 2,4-Dichlorophenol	10.703	162	101281	45.984	ng	96
30) 1,2,4-Trichlorobenzene	10.915	180	104871	42.502	ng	97
31) Naphthalene	11.109	128	315143	41.106	ng	98
32) Benzoic acid	10.363	122	63531	40.016	ng	# 81
33) 4-Chloroaniline	11.214	127	109574	33.828	ng	93
34) Hexachlorobutadiene	11.373	225	65172	43.408	ng	97
35) Caprolactam	12.002	113	37426m	62.497	ng	
36) 4-Chloro-3-methylphenol	12.319	107	121258	44.128	ng	# 89
37) 2-Methylnaphthalene	12.701	142	229566	44.066	ng	93
38) 1-Methylnaphthalene	12.918	142	211335	41.512	ng	91
40) 1,2,4,5-Tetrachloroben...	13.059	216	121403	42.260	ng	97
41) Hexachlorocyclopentadiene	13.030	237	113120	115.627	ng	92
43) 2,4,6-Trichlorophenol	13.300	196	87575	42.727	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.377	196	95733	43.795	ng	90
46) 1,1'-Biphenyl	13.694	154	287292	39.897	ng	96
47) 2-Chloronaphthalene	13.747	162	232822	41.236	ng	96
48) 2-Nitroaniline	13.947	65	88733	41.040	ng	91
49) Acenaphthylene	14.587	152	379901	41.604	ng	96
50) Dimethylphthalate	14.299	163	311894	40.199	ng	100
51) 2,6-Dinitrotoluene	14.434	165	68447	42.864	ng	# 79
52) Acenaphthene	14.922	154	218614	41.087	ng	93
53) 3-Nitroaniline	14.763	138	63054	33.786	ng	93
54) 2,4-Dinitrophenol	14.981	184	77613	88.879	ng	86
55) Dibenzofuran	15.257	168	364651	40.294	ng	95
56) 4-Nitrophenol	15.075	139	109750	76.871	ng	# 75
57) 2,4-Dinitrotoluene	15.222	165	97755	43.146	ng	93
58) Fluorene	15.903	166	291741	41.298	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.480	232	79984	42.963	ng	# 100
60) Diethylphthalate	15.650	149	324617	39.872	ng	97
61) 4-Chlorophenyl-phenyle...	15.885	204	158719	41.597	ng	96
62) 4-Nitroaniline	15.927	138	73381	37.827	ng	# 63
63) Azobenzene	16.179	77	334610	38.783	ng	83
65) 4,6-Dinitro-2-methylph...	15.991	198	53934	41.341	ng	93
66) n-Nitrosodiphenylamine	16.103	169	264301	43.642	ng	96
67) 4-Bromophenyl-phenylether	16.784	248	97832	44.290	ng	92
68) Hexachlorobenzene	16.908	284	101254	46.569	ng	97
69) Atrazine	17.043	200	104061	69.109	ng	95
70) Pentachlorophenol	17.254	266	110709	89.726	ng	97
71) Phenanthrene	17.648	178	478906	42.576	ng	97
72) Anthracene	17.742	178	487666	43.592	ng	98
73) Carbazole	18.012	167	435807	39.336	ng	99
74) Di-n-butylphthalate	18.535	149	532277	40.550	ng	# 97
75) Fluoranthene	19.646	202	537115	38.921	ng	96
77) Benzidine	19.822	184	304068	98.385	ng	98
78) Pyrene	20.010	202	533923	43.529	ng	98
80) Butylbenzylphthalate	20.868	149	213691	40.530	ng	99
81) Benzo(a)anthracene	21.890	228	469230	41.795	ng	99
82) 3,3'-Dichlorobenzidine	21.790	252	147135	28.656	ng	# 98
83) Chrysene	21.961	228	457857	43.231	ng	95
84) Bis(2-ethylhexyl)phtha...	21.749	149	306855	41.333	ng	98
85) Di-n-octyl phthalate	23.018	149	516995	41.370	ng	100
87) Indeno(1,2,3-cd)pyrene	29.276	276	525469	44.926	ng	# 93
88) Benzo(b)fluoranthene	24.234	252	475912	45.882	ng	# 94
89) Benzo(k)fluoranthene	24.305	252	454752	43.958	ng	# 97
90) Benzo(a)pyrene	25.163	252	459120	51.846	ng	# 95
91) Dibenzo(a,h)anthracene	29.329	278	443747	46.080	ng	# 92
92) Benzo(g,h,i)perylene	30.515	276	437224	46.136	ng	# 93

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

