

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051123.D
 Acq On : 19 Nov 2021 13:37
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 19 15:21:28 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 19 13:43:23 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	26036	20.000	ng	# 0.00
21) Naphthalene-d8	11.037	136	110286	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	77044	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	175754	20.000	ng	# 0.00
76) Chrysene-d12	21.889	240	157936	20.000	ng	# 0.00
86) Perylene-d12	25.285	264	161503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	155713	89.465	ng	0.00
7) Phenol-d6	7.365	99	225163	91.656	ng	0.00
23) Nitrobenzene-d5	9.386	82	234618	94.171	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	82819	107.418	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	491623	100.823	ng	0.00
79) Terphenyl-d14	20.180	244	827850	99.818	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.593	88	32572	38.624	ng	95
3) Pyridine	4.004	79	99308	42.976	ng	# 90
4) n-Nitrosodimethylamine	3.916	42	42003	40.979	ng	# 32
6) Aniline	7.530	93	132807	45.392	ng	96
8) 2-Chlorophenol	7.771	128	82297	46.035	ng	90
9) Benzaldehyde	7.348	77	70333	39.787	ng	92
10) Phenol	7.389	94	115851	45.919	ng	82
11) bis(2-Chloroethyl)ether	7.624	93	86102	44.291	ng	90
12) 1,3-Dichlorobenzene	8.100	146	88772	45.592	ng	93
13) 1,4-Dichlorobenzene	8.246	146	90677	46.270	ng	97
14) 1,2-Dichlorobenzene	8.570	146	87359	45.898	ng	94
15) Benzyl Alcohol	8.452	79	92643	47.946	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.728	45	123734	39.706	ng	88
17) 2-Methylphenol	8.652	107	79081	47.076	ng	# 89
18) Hexachloroethane	9.298	117	33756	45.377	ng	96
19) n-Nitroso-di-n-propyla...	9.016	70	82092	45.219	ng	# 89
20) 3+4-Methylphenols	8.981	107	111139	46.884	ng	93
22) Acetophenone	9.040	105	143436	46.794	ng	93
24) Nitrobenzene	9.433	77	114491	46.612	ng	92
25) Isophorone	9.950	82	212155	47.113	ng	# 95
26) 2-Nitrophenol	10.144	139	53438	51.189	ng	# 89
27) 2,4-Dimethylphenol	10.191	122	75771	47.619	ng	95
28) bis(2-Chloroethoxy)met...	10.426	93	123551	46.158	ng	93
29) 2,4-Dichlorophenol	10.685	162	87822	51.620	ng	95
30) 1,2,4-Trichlorobenzene	10.896	180	96994	50.890	ng	95
31) Naphthalene	11.090	128	281917	47.605	ng	98
32) Benzoic acid	10.362	122	58408	47.628	ng	# 76
33) 4-Chloroaniline	11.196	127	122367	48.907	ng	95
34) Hexachlorobutadiene	11.355	225	58863	50.756	ng	93
35) Caprolactam	11.983	113	23243	50.247	ng	# 72
36) 4-Chloro-3-methylphenol	12.306	107	106617	50.230	ng	93
37) 2-Methylnaphthalene	12.682	142	201421	50.054	ng	92
38) 1-Methylnaphthalene	12.900	142	195947m	49.828	ng	
40) 1,2,4,5-Tetrachloroben...	13.041	216	116389	51.856	ng	97
41) Hexachlorocyclopentadiene	13.011	237	30376	39.741	ng	92
43) 2,4,6-Trichlorophenol	13.282	196	82401	51.457	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.358	196	86194	50.469	ng	90
46) 1,1'-Biphenyl	13.675	154	270998	48.169	ng	96
47) 2-Chloronaphthalene	13.728	162	215570	48.869	ng	98
48) 2-Nitroaniline	13.928	65	78978	46.754	ng	90
49) Acenaphthylene	14.568	152	340606	47.742	ng	97
50) Dimethylphthalate	14.286	163	288205	47.544	ng	99
51) 2,6-Dinitrotoluene	14.416	165	61871	49.592	ng	# 81
52) Acenaphthene	14.903	154	200629	48.263	ng	92
53) 3-Nitroaniline	14.751	138	69174	47.441	ng	95
54) 2,4-Dinitrophenol	14.968	184	35231	51.639	ng	# 82
55) Dibenzofuran	15.238	168	342096	48.383	ng	95
56) 4-Nitrophenol	15.062	139	51900	46.528	ng	# 70
57) 2,4-Dinitrotoluene	15.209	165	89787	50.723	ng	# 90
58) Fluorene	15.890	166	269820	48.887	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.467	232	75315	51.779	ng	# 98
60) Diethylphthalate	15.638	149	303997	47.791	ng	97
61) 4-Chlorophenyl-phenyle...	15.867	204	149823	50.257	ng	95
62) 4-Nitroaniline	15.914	138	72701	47.967	ng	# 65
63) Azobenzene	16.161	77	307520	45.621	ng	82
65) 4,6-Dinitro-2-methylph...	15.973	198	57714	53.078	ng	89
66) n-Nitrosodiphenylamine	16.084	169	246100	48.757	ng	97
67) 4-Bromophenyl-phenylether	16.766	248	93902	51.006	ng	94
68) Hexachlorobenzene	16.889	284	93911	51.824	ng	96
69) Atrazine	17.024	200	61214	48.778	ng	97
70) Pentachlorophenol	17.242	266	48889	47.541	ng	99
71) Phenanthrene	17.635	178	455905	48.631	ng	96
72) Anthracene	17.724	178	452096	48.488	ng	98
73) Carbazole	17.994	167	436765	47.301	ng	99
74) Di-n-butylphthalate	18.517	149	525109	47.998	ng	# 97
75) Fluoranthene	19.633	202	549620	47.787	ng	96
77) Benzidine	19.809	184	130085	43.575	ng	99
78) Pyrene	19.997	202	552025	46.591	ng	98
80) Butylbenzylphthalate	20.855	149	237146	46.565	ng	95
81) Benzo(a)anthracene	21.866	228	519513	47.905	ng	99
82) 3,3'-Dichlorobenzidine	21.772	252	238316	48.050	ng	# 97
83) Chrysene	21.936	228	492437	48.135	ng	96
84) Bis(2-ethylhexyl)phtha...	21.725	149	334664	46.668	ng	# 96
85) Di-n-octyl phthalate	22.994	149	558317	46.251	ng	99
87) Indeno(1,2,3-cd)pyrene	29.210	276	566179	49.390	ng	# 90
88) Benzo(b)fluoranthene	24.198	252	482684	47.481	ng	# 93
89) Benzo(k)fluoranthene	24.275	252	494954	48.816	ng	# 98
90) Benzo(a)pyrene	25.127	252	419820	48.372	ng	# 97
91) Dibenzo(a,h)anthracene	29.269	278	465190	49.289	ng	# 93
92) Benzo(g,h,i)perylene	30.444	276	460865	49.619	ng	# 93

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

