

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051126.D
 Acq On : 19 Nov 2021 17:09
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG111921

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/19/2021

Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 19 17:45:31 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 16:26:22 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	24725	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	105644	20.000	ng	# 0.00
39) Acenaphthene-d10	14.841	164	76743	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	174436	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	161790	20.000	ng	# 0.00
86) Perylene-d12	25.282	264	162570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	123478	74.706	ng	0.00
7) Phenol-d6	7.362	99	174164	74.655	ng	0.00
23) Nitrobenzene-d5	9.383	82	181243	75.944	ng	0.00
42) 2,4,6-Tribromophenol	16.328	330	64508	83.996	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	386945	79.667	ng	0.00
79) Terphenyl-d14	20.176	244	671816	79.075	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	26009	32.477	ng	95
3) Pyridine	4.001	79	76721	34.962	ng	# 91
4) n-Nitrosodimethylamine	3.919	42	33578	34.496	ng	# 37
6) Aniline	7.526	93	101976	36.702	ng	96
8) 2-Chlorophenol	7.767	128	64914	38.237	ng	96
9) Benzaldehyde	7.344	77	57489	34.245	ng	91
10) Phenol	7.391	94	89722	37.448	ng	# 81
11) bis(2-Chloroethyl)ether	7.614	93	66871	36.222	ng	88
12) 1,3-Dichlorobenzene	8.096	146	70171	37.950	ng	95
13) 1,4-Dichlorobenzene	8.243	146	70592	37.931	ng	97
14) 1,2-Dichlorobenzene	8.566	146	68880	38.108	ng	93
15) Benzyl Alcohol	8.449	79	69852	38.067	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.731	45	94331	31.875	ng	89
17) 2-Methylphenol	8.649	107	60221	37.750	ng	# 91
18) Hexachloroethane	9.295	117	26319	37.256	ng	94
19) n-Nitroso-di-n-propyla...	9.007	70	62863	36.463	ng	# 86
20) 3+4-Methylphenols	8.978	107	85986	38.197	ng	90
22) Acetophenone	9.036	105	109682	37.355	ng	95
24) Nitrobenzene	9.430	77	88529	37.626	ng	# 92
25) Isophorone	9.947	82	161161	37.362	ng	# 94
26) 2-Nitrophenol	10.141	139	40606	40.606	ng	# 82
27) 2,4-Dimethylphenol	10.188	122	57791	37.915	ng	94
28) bis(2-Chloroethoxy)met...	10.423	93	95676	37.315	ng	96
29) 2,4-Dichlorophenol	10.681	162	67403	41.359	ng	97
30) 1,2,4-Trichlorobenzene	10.893	180	74948	41.051	ng	95
31) Naphthalene	11.087	128	218844	38.578	ng	99
32) Benzoic acid	10.341	122	38638m	32.891	ng	
33) 4-Chloroaniline	11.193	127	94542	39.447	ng	94
34) Hexachlorobutadiene	11.351	225	46605	41.952	ng	96
35) Caprolactam	11.974	113	17053	38.485	ng	# 72
36) 4-Chloro-3-methylphenol	12.303	107	81220	39.946	ng	93
37) 2-Methylnaphthalene	12.679	142	154079	39.972	ng	91
38) 1-Methylnaphthalene	12.897	142	151267	40.156	ng	92
40) 1,2,4,5-Tetrachloroben...	13.038	216	89651	40.100	ng	97
41) Hexachlorocyclopentadiene	13.008	237	30604	40.196	ng	89
43) 2,4,6-Trichlorophenol	13.278	196	62837	39.394	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.355	196	66296	38.971	ng	90
46) 1,1'-Biphenyl	13.672	154	210668	37.593	ng	96
47) 2-Chloronaphthalene	13.725	162	166505	37.894	ng	96
48) 2-Nitroaniline	13.925	65	61016	36.262	ng	89
49) Acenaphthylene	14.565	152	265548	37.367	ng	97
50) Dimethylphthalate	14.283	163	220239	36.474	ng	98
51) 2,6-Dinitrotoluene	14.412	165	46715	37.591	ng	# 81
52) Acenaphthene	14.906	154	156434	37.779	ng	92
53) 3-Nitroaniline	14.747	138	54314	37.396	ng	98
54) 2,4-Dinitrophenol	14.965	184	25431	37.421	ng	# 80
55) Dibenzofuran	15.235	168	268442	38.115	ng	96
56) 4-Nitrophenol	15.059	139	39883	35.895	ng	# 70
57) 2,4-Dinitrotoluene	15.206	165	68458	38.825	ng	# 87
58) Fluorene	15.881	166	213869	38.902	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.464	232	58263	40.213	ng	# 100
60) Diethylphthalate	15.635	149	233208	36.806	ng	97
61) 4-Chlorophenyl-phenyle...	15.864	204	115768	38.986	ng	95
62) 4-Nitroaniline	15.911	138	56453	37.393	ng	# 63
63) Azobenzene	16.163	77	240503	35.819	ng	82
65) 4,6-Dinitro-2-methylph...	15.969	198	43046	39.888	ng	91
66) n-Nitrosodiphenylamine	16.081	169	192559	38.438	ng	99
67) 4-Bromophenyl-phenylether	16.763	248	74110	40.560	ng	94
68) Hexachlorobenzene	16.886	284	74142	41.223	ng	96
69) Atrazine	17.021	200	49432	39.687	ng	96
70) Pentachlorophenol	17.239	266	35653	34.932	ng	98
71) Phenanthrene	17.632	178	362193	38.927	ng	97
72) Anthracene	17.720	178	357850	38.670	ng	98
73) Carbazole	17.991	167	345417	37.691	ng	98
74) Di-n-butylphthalate	18.519	149	415498	38.266	ng	# 96
75) Fluoranthene	19.630	202	440709	38.607	ng	96
77) Benzidine	19.806	184	114051	37.294	ng	98
78) Pyrene	19.994	202	445681	36.720	ng	98
80) Butylbenzylphthalate	20.852	149	189721	36.365	ng	95
81) Benzo(a)anthracene	21.863	228	422776	38.056	ng	99
82) 3,3'-Dichlorobenzidine	21.768	252	191911	37.772	ng	# 98
83) Chrysene	21.933	228	398531	38.028	ng	97
84) Bis(2-ethylhexyl)phtha...	21.727	149	270313	36.796	ng	# 97
85) Di-n-octyl phthalate	22.991	149	450584	36.437	ng	99
87) Indeno(1,2,3-cd)pyrene	29.207	276	454607	39.397	ng	# 90
88) Benzo(b)fluoranthene	24.195	252	395501	38.649	ng	# 95
89) Benzo(k)fluoranthene	24.271	252	395989	38.799	ng	# 96
90) Benzo(a)pyrene	25.123	252	339044	38.809	ng	# 93
91) Dibenzo(a,h)anthracene	29.266	278	371070	39.058	ng	# 94
92) Benzo(g,h,i)perylene	30.435	276	368479	39.412	ng	# 92

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

