

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111423\
 Data File : BG059691.D
 Acq On : 14 Nov 2023 21:24
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/16/2023

Supervised By :mohammad ahmed 11/17/2023

Quant Time: Nov 15 08:06:48 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 15 07:25:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.350	152	30269	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	132695	20.000	ng	# 0.00
39) Acenaphthene-d10	14.978	164	89954	20.000	ng	0.00
64) Phenanthrene-d10	17.728	188	216469	20.000	ng	# 0.00
76) Chrysene-d12	22.064	240	177002	20.000	ng	0.00
86) Perylene-d12	25.659	264	291050	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.836	112	294562	168.006	ng	0.00
7) Phenol-d6	7.469	99	415473	156.805	ng	0.00
23) Nitrobenzene-d5	9.555	82	583268	188.962	ng	0.00
42) 2,4,6-Tribromophenol	16.464	330	180951	178.245	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	1191346	178.557	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	49276m	80.788	ng	
3) Pyridine	4.102	79	170088m	81.934	ng	
4) n-Nitrosodimethylamine	4.032	42	79681	84.955	ng	# 85
6) Aniline	7.675	93	269917	76.662	ng	97
8) 2-Chlorophenol	7.904	128	152194	76.758	ng	95
9) Benzaldehyde	7.492	77	123000	71.732	ng	# 75
10) Phenol	7.498	94	210086	77.193	ng	87
11) bis(2-Chloroethyl)ether	7.763	93	129489	74.048	ng	93
12) 1,3-Dichlorobenzene	8.227	146	172835	79.289	ng	95
13) 1,4-Dichlorobenzene	8.386	146	176384m	77.105	ng	
14) 1,2-Dichlorobenzene	8.709	146	162390	76.952	ng	95
15) Benzyl Alcohol	8.591	79	231098	81.921	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.861	45	50998	77.534	ng	95
17) 2-Methylphenol	8.767	107	160301	80.401	ng	96
18) Hexachloroethane	9.437	117	72040	82.648	ng	98
19) n-Nitroso-di-n-propyla...	9.161	70	160387	78.578	ng	# 97
20) 3+4-Methylphenols	9.108	107	219104	78.634	ng	94
22) Acetophenone	9.196	105	309520	85.864	ng	# 97
24) Nitrobenzene	9.596	77	259543	90.684	ng	96
25) Isophorone	10.101	82	462933	87.186	ng	98
26) 2-Nitrophenol	10.301	139	101273	91.389	ng	88
27) 2,4-Dimethylphenol	10.324	122	194471	88.017	ng	93
28) bis(2-Chloroethoxy)met...	10.589	93	191269	86.845	ng	94
29) 2,4-Dichlorophenol	10.824	162	170932	86.584	ng	92
30) 1,2,4-Trichlorobenzene	11.041	180	186501	92.506	ng	96
31) Naphthalene	11.253	128	576499	86.052	ng	96
32) Benzoic acid	10.460	122	132524	90.754	ng	89
33) 4-Chloroaniline	11.364	127	251264	84.773	ng	96
34) Hexachlorobutadiene	11.476	225	116056	89.420	ng	94
35) Caprolactam	12.175	113	56094m	79.439	ng	
36) 4-Chloro-3-methylphenol	12.434	107	228610	85.914	ng	95
37) 2-Methylnaphthalene	12.827	142	470759	84.133	ng	97
38) 1-Methylnaphthalene	13.045	142	427739	83.220	ng	# 93
40) 1,2,4,5-Tetrachloroben...	13.168	216	216313	88.278	ng	98
41) Hexachlorocyclopentadiene	13.121	237	136851	87.317	ng	97
43) 2,4,6-Trichlorophenol	13.409	196	146676	85.832	ng	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.480	196	172650	88.199	ng	95
46) 1,1'-Biphenyl	13.815	154	595637	85.054	ng	99
47) 2-Chloronaphthalene	13.867	162	428614	87.127	ng	93
48) 2-Nitroaniline	14.085	65	156017	93.328	ng	88
49) Acenaphthylene	14.713	152	738826	88.919	ng	97
50) Dimethylphthalate	14.426	163	595909	86.871	ng	99
51) 2,6-Dinitrotoluene	14.567	165	116019	87.734	ng	93
52) Acenaphthene	15.048	154	421846	84.654	ng	99
53) 3-Nitroaniline	14.907	138	133360	86.345	ng	92
54) 2,4-Dinitrophenol	15.095	184	81568	91.760	ng	89
55) Dibenzofuran	15.377	168	699012	86.359	ng	93
56) 4-Nitrophenol	15.172	139	102036	87.122	ng	96
57) 2,4-Dinitrotoluene	15.348	165	174981	90.004	ng	# 90
58) Fluorene	16.024	166	603282	86.894	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.577	232	147581m	87.632	ng	
60) Diethylphthalate	15.765	149	662117	89.571	ng	97
61) 4-Chlorophenyl-phenyle...	16.006	204	320130	90.039	ng	96
62) 4-Nitroaniline	16.071	138	132811	84.262	ng	92
63) Azobenzene	16.300	77	705117	87.692	ng	97
65) 4,6-Dinitro-2-methylph...	16.094	198	109728	88.971	ng	85
66) n-Nitrosodiphenylamine	16.229	169	547940	86.569	ng	97
67) 4-Bromophenyl-phenylether	16.905	248	201730	88.583	ng	90
68) Hexachlorobenzene	16.993	284	188161	88.057	ng	96
69) Atrazine	17.158	200	142397	71.671	ng	89
70) Pentachlorophenol	17.346	266	143015	90.347	ng	92
71) Phenanthrene	17.775	178	960581	85.569	ng	97
72) Anthracene	17.869	178	982600	85.050	ng	97
73) Carbazole	18.139	167	852660	84.297	ng	99
74) Di-n-butylphthalate	18.644	149	1022181	87.053	ng	100
75) Fluoranthene	19.766	202	1136577	86.919	ng	97
77) Benzidine	19.948	184	244949	81.901	ng	96
78) Pyrene	20.131	202	1066824	79.732	ng	98
80) Butylbenzylphthalate	20.988	149	444469	94.814	ng	95
81) Benzo(a)anthracene	22.040	228	1048037	86.833	ng	99
82) 3,3'-Dichlorobenzidine	21.952	252	369789	83.676	ng	92
83) Chrysene	22.117	228	965319m	84.193	ng	
84) Bis(2-ethylhexyl)phtha...	21.870	149	617561	87.761	ng	98
87) Indeno(1,2,3-cd)pyrene	29.849	276	1872934	91.467	ng	# 94
88) Benzo(b)fluoranthene	24.502	252	1601458	90.666	ng	99
89) Benzo(k)fluoranthene	24.578	252	1554678m	87.908	ng	
90) Benzo(a)pyrene	25.495	252	1501815	87.953	ng	# 98
91) Dibenzo(a,h)anthracene	29.937	278	1544549	88.022	ng	# 95
92) Benzo(g,h,i)perylene	31.188	276	1477939	87.732	ng	# 93

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

