

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
 Data File : BG059916.D
 Acq On : 30 Nov 2023 19:17
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 03:26:50 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 01 03:17:30 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	26015	20.000	ng	0.00
21) Naphthalene-d8	10.773	136	123138	20.000	ng	0.00
39) Acenaphthene-d10	14.603	164	93229	20.000	ng	0.00
64) Phenanthrene-d10	17.353	188	221874	20.000	ng	0.00
76) Chrysene-d12	21.625	240	207466	20.000	ng	0.00
86) Perylene-d12	24.821	264	247749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	67419	40.594	ng	0.00
7) Phenol-d6	7.112	99	99480	41.497	ng	0.00
23) Nitrobenzene-d5	9.122	82	83335	39.359	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	60711	42.432	ng	0.00
45) 2-Fluorobiphenyl	13.229	172	276424	41.241	ng	0.00
79) Terphenyl-d14	19.974	244	539585	43.248	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.440	88	10676m	20.616	ng	Qvalue
3) Pyridine	3.834	79	25177m	18.867	ng	
4) n-Nitrosodimethylamine	3.745	42	14889	19.510	ng	# 99
6) Aniline	7.288	93	51274	19.963	ng	98
8) 2-Chlorophenol	7.523	128	38099	20.365	ng	95
9) Benzaldehyde	7.100	77	31704	20.853	ng	96
10) Phenol	7.141	94	50326	20.053	ng	93
11) bis(2-Chloroethyl)ether	7.382	93	40176	20.764	ng	93
12) 1,3-Dichlorobenzene	7.852	146	42490	20.734	ng	90
13) 1,4-Dichlorobenzene	7.999	146	42466	20.110	ng	96
14) 1,2-Dichlorobenzene	8.317	146	43499	20.907	ng	98
15) Benzyl Alcohol	8.193	79	38124	20.573	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.493	45	76303	20.695	ng	98
17) 2-Methylphenol	8.399	107	35999	20.718	ng	90
18) Hexachloroethane	9.051	117	15500	20.431	ng	89
19) n-Nitroso-di-n-propyla...	8.763	70	35359	20.872	ng	96
20) 3+4-Methylphenols	8.722	107	50190	20.504	ng	95
22) Acetophenone	8.781	105	71095	20.855	ng	98
24) Nitrobenzene	9.163	77	45058	19.540	ng	99
25) Isophorone	9.686	82	106704	20.897	ng	99
26) 2-Nitrophenol	9.874	139	14653	19.596	ng	97
27) 2,4-Dimethylphenol	9.932	122	30893	20.865	ng	98
28) bis(2-Chloroethoxy)met...	10.173	93	59950	20.738	ng	97
29) 2,4-Dichlorophenol	10.408	162	41763	20.662	ng	98
30) 1,2,4-Trichlorobenzene	10.632	180	47852	20.306	ng	98
31) Naphthalene	10.820	128	143733	20.691	ng	98
32) Benzoic acid	10.015	122	23863m	20.905	ng	
33) 4-Chloroaniline	10.925	127	58901	20.933	ng	
34) Hexachlorobutadiene	11.107	225	31835	20.138	ng	97
35) Caprolactam	11.677	113	15401	21.444	ng	# 86
36) 4-Chloro-3-methylphenol	12.042	107	50049	20.773	ng	97
37) 2-Methylnaphthalene	12.429	142	102059	20.756	ng	99
38) 1-Methylnaphthalene	12.647	142	103282	20.759	ng	100
40) 1,2,4,5-Tetrachloroben...	12.794	216	58132	20.010	ng	99
41) Hexachlorocyclopentadiene	12.776	237	22683	20.496	ng	97
43) 2,4,6-Trichlorophenol	13.029	196	37893	20.103	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	44060	20.624	ng	96
46) 1,1'-Biphenyl	13.434	154	143758	20.558	ng	99
47) 2-Chloronaphthalene	13.475	162	118023	20.411	ng	98
48) 2-Nitroaniline	13.675	65	30037	19.678	ng	96
49) Acenaphthylene	14.327	152	185903	20.931	ng	97
50) Dimethylphthalate	14.057	163	157774	21.093	ng	97
51) 2,6-Dinitrotoluene	14.169	165	26153	19.678	ng	95
52) Acenaphthene	14.668	154	114029	20.667	ng	97
53) 3-Nitroaniline	14.498	138	27145	20.787	ng #	93
54) 2,4-Dinitrophenol	14.697	184	8587	19.822	ng	88
55) Dibenzofuran	14.997	168	179439	20.899	ng	97
56) 4-Nitrophenol	14.791	139	21668	20.402	ng	98
57) 2,4-Dinitrotoluene	14.956	165	33218	19.351	ng #	96
58) Fluorene	15.649	166	148644	21.351	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.220	232	39658	20.422	ng #	99
60) Diethylphthalate	15.420	149	158811	21.053	ng	100
61) 4-Chlorophenyl-phenyle...	15.643	204	79700	21.222	ng	98
62) 4-Nitroaniline	15.661	138	29529	21.126	ng	97
63) Azobenzene	15.937	77	146389	20.645	ng	97
65) 4,6-Dinitro-2-methylph...	15.714	198	13794	19.724	ng	90
66) n-Nitrosodiphenylamine	15.855	169	125595	21.012	ng	98
67) 4-Bromophenyl-phenylether	16.542	248	54484	20.560	ng	93
68) Hexachlorobenzene	16.654	284	64810	20.559	ng	97
69) Atrazine	16.807	200	47217	21.544	ng	98
70) Pentachlorophenol	16.995	266	37250	20.889	ng	97
71) Phenanthrene	17.394	178	238229	21.164	ng	97
72) Anthracene	17.482	178	239320	21.077	ng	99
73) Carbazole	17.753	167	221301	21.021	ng	98
74) Di-n-butylphthalate	18.323	149	269518	21.020	ng	98
75) Fluoranthene	19.409	202	302628	21.122	ng	100
77) Benzidine	19.586	184	79486	19.087	ng	98
78) Pyrene	19.768	202	310067	20.953	ng	99
80) Butylbenzylphthalate	20.667	149	109103	20.822	ng	97
81) Benzo(a)anthracene	21.607	228	295934	20.456	ng	99
82) 3,3'-Dichlorobenzidine	21.525	252	98467	20.892	ng	99
83) Chrysene	21.672	228	283899	20.692	ng	98
84) Bis(2-ethylhexyl)phtha...	21.536	149	163853	21.080	ng	100
85) Di-n-octyl phthalate	22.747	149	277102	20.767	ng	99
87) Indeno(1,2,3-cd)pyrene	28.464	276	372232	20.077	ng	100
88) Benzo(b)fluoranthene	23.810	252	317267	20.484	ng	97
89) Benzo(k)fluoranthene	23.875	252	313247m	20.674	ng	
90) Benzo(a)pyrene	24.668	252	285018	20.703	ng	98
91) Dibenzo(a,h)anthracene	28.540	278	313977	20.310	ng	97
92) Benzo(g,h,i)perylene	29.603	276	313513	20.310	ng	97

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

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