

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
 Data File : BG058513.D
 Acq On : 28 Jul 2023 11:24
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/29/2023

Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 28 16:58:22 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 16:53:40 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.815	152	57523	20.000	ng	0.00
21) Naphthalene-d8	10.618	136	233754	20.000	ng	0.00
39) Acenaphthene-d10	14.461	164	159892	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	380302	20.000	ng	0.00
76) Chrysene-d12	21.447	240	334200	20.000	ng	0.00
86) Perylene-d12	24.514	264	421607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	163299	43.391	ng	0.00
7) Phenol-d6	6.981	99	225672	43.093	ng	0.00
23) Nitrobenzene-d5	8.979	82	203078	42.678	ng	0.00
42) 2,4,6-Tribromophenol	15.953	330	110551	42.183	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	463384	43.431	ng	0.00
79) Terphenyl-d14	19.825	244	770837	43.375	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.280	88	38986	21.378	ng	96
3) Pyridine	3.673	79	107049	21.531	ng	100
4) n-Nitrosodimethylamine	3.591	42	45327	21.516	ng	93
6) Aniline	7.140	93	137288	21.293	ng	100
8) 2-Chlorophenol	7.381	128	80120	21.701	ng	98
9) Benzaldehyde	6.952	77	64322m	22.608	ng	
10) Phenol	7.011	94	109987	21.501	ng	99
11) bis(2-Chloroethyl)ether	7.240	93	84249	20.890	ng	97
12) 1,3-Dichlorobenzene	7.704	146	86256	21.879	ng	97
13) 1,4-Dichlorobenzene	7.851	146	85059	21.487	ng	98
14) 1,2-Dichlorobenzene	8.168	146	82313	21.749	ng	97
15) Benzyl Alcohol	8.056	79	70413	21.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.344	45	139268	21.259	ng	98
17) 2-Methylphenol	8.262	107	78987	21.117	ng	99
18) Hexachloroethane	8.891	117	30375	21.111	ng	95
19) n-Nitroso-di-n-propyla...	8.620	70	71950	21.271	ng	97
20) 3+4-Methylphenols	8.585	107	109191	21.582	ng	94
22) Acetophenone	8.638	105	134848	21.545	ng	100
24) Nitrobenzene	9.020	77	102916	21.275	ng	98
25) Isophorone	9.537	82	206353	20.989	ng	100
26) 2-Nitrophenol	9.731	139	43256	20.542	ng	98
27) 2,4-Dimethylphenol	9.790	122	74092	21.213	ng	97
28) bis(2-Chloroethoxy)met...	10.025	93	113426	21.200	ng	98
29) 2,4-Dichlorophenol	10.265	162	76181	21.006	ng	97
30) 1,2,4-Trichlorobenzene	10.477	180	88007	21.042	ng	96
31) Naphthalene	10.665	128	262382	21.297	ng	100
32) Benzoic acid	9.913	122	42089	18.328	ng	96
33) 4-Chloroaniline	10.783	127	108543	20.852	ng	98
34) Hexachlorobutadiene	10.947	225	57444	21.327	ng	97
35) Caprolactam	11.540	113	28051	20.946	ng	96
36) 4-Chloro-3-methylphenol	11.911	107	94975	21.170	ng	98
37) 2-Methylnaphthalene	12.281	142	186094	21.116	ng	98
38) 1-Methylnaphthalene	12.498	142	176996	21.128	ng	98
40) 1,2,4,5-Tetrachloroben...	12.651	216	102613	20.904	ng	100
41) Hexachlorocyclopentadiene	12.622	237	32445	19.831	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	70746	20.953	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.968	196	78799	19.814	ng	98
46) 1,1'-Biphenyl	13.291	154	232707	21.193	ng	100
47) 2-Chloronaphthalene	13.338	162	181901	21.246	ng	99
48) 2-Nitroaniline	13.544	65	69151	21.161	ng	99
49) Acenaphthylene	14.184	152	306868	21.408	ng	98
50) Dimethylphthalate	13.920	163	254949	21.231	ng	98
51) 2,6-Dinitrotoluene	14.043	165	55170	20.939	ng	99
52) Acenaphthene	14.525	154	177177	21.392	ng	99
53) 3-Nitroaniline	14.372	138	56104	21.283	ng	99
54) 2,4-Dinitrophenol	14.584	184	19250	19.232	ng	98
55) Dibenzofuran	14.860	168	303584	21.331	ng	99
56) 4-Nitrophenol	14.690	139	32457	19.546	ng	95
57) 2,4-Dinitrotoluene	14.831	165	78646	21.530	ng	99
58) Fluorene	15.512	166	244477	21.624	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.089	232	69013	20.337	ng	98
60) Diethylphthalate	15.277	149	261282	21.358	ng	100
61) 4-Chlorophenyl-phenyle...	15.501	204	133201	21.132	ng	98
62) 4-Nitroaniline	15.536	138	52660	21.256	ng	96
63) Azobenzene	15.794	77	256568	21.293	ng	99
65) 4,6-Dinitro-2-methylph...	15.595	198	39305	18.744	ng	94
66) n-Nitrosodiphenylamine	15.718	169	214429	21.663	ng	98
67) 4-Bromophenyl-phenylether	16.394	248	89716	20.799	ng	99
68) Hexachlorobenzene	16.511	284	96202	21.047	ng	96
69) Atrazine	16.664	200	74055	22.163	ng	98
70) Pentachlorophenol	16.864	266	52825	19.179	ng	96
71) Phenanthrene	17.251	178	389214	21.580	ng	98
72) Anthracene	17.340	178	399603	21.593	ng	99
73) Carbazole	17.610	167	352766	21.617	ng	98
74) Di-n-butylphthalate	18.168	149	444016	21.722	ng	99
75) Fluoranthene	19.261	202	467716	21.589	ng	98
77) Benzidine	19.455	184	81034	15.990	ng	98
78) Pyrene	19.625	202	483558	21.261	ng	98
80) Butylbenzylphthalate	20.512	149	195383	20.914	ng	98
81) Benzo(a)anthracene	21.429	228	479828	20.863	ng	99
82) 3,3'-Dichlorobenzidine	21.352	252	163707	21.052	ng	99
83) Chrysene	21.494	228	465589	21.114	ng	99
84) Bis(2-ethylhexyl)phtha...	21.335	149	289405	21.198	ng	100
85) Di-n-octyl phthalate	22.486	149	501675	20.901	ng	100
87) Indeno(1,2,3-cd)pyrene	27.998	276	584529	20.840	ng	99
88) Benzo(b)fluoranthene	23.538	252	484518	21.189	ng	99
89) Benzo(k)fluoranthene	23.603	252	483956	21.067	ng	99
90) Benzo(a)pyrene	24.367	252	469351	20.900	ng	100
91) Dibenzo(a,h)anthracene	28.056	278	483917	20.866	ng	100
92) Benzo(g,h,i)perylene	29.090	276	485395	20.872	ng	99

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

