

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010522\
 Data File : BG051877.D
 Acq On : 5 Jan 2022 12:27
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/07/2022
 Supervised By : Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 06:18:27 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 07 06:16:33 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	24279	20.000	ng	0.00
21) Naphthalene-d8	11.092	136	101574	20.000	ng	# 0.00
39) Acenaphthene-d10	14.893	164	77902	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	196771	20.000	ng	0.00
76) Chrysene-d12	21.959	240	207608	20.000	ng	0.00
86) Perylene-d12	25.437	264	217792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.781	112	61310	39.036	ng	0.00
7) Phenol-d6	7.391	99	91944	41.564	ng	0.00
23) Nitrobenzene-d5	9.423	82	106624	47.918	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	47025	56.794	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	230516	44.651	ng	0.00
79) Terphenyl-d14	20.232	244	493795	43.481	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.614	88	14789	22.456	ng	98
3) Pyridine	4.031	79	45694	23.322	ng	95
4) n-Nitrosodimethylamine	3.931	42	24449	29.023	ng	90
6) Aniline	7.561	93	54195	20.624	ng	91
8) 2-Chlorophenol	7.814	128	31904	19.355	ng	97
9) Benzaldehyde	7.379	77	36075	22.540	ng	96
10) Phenol	7.420	94	45661	20.108	ng	100
11) bis(2-Chloroethyl)ether	7.655	93	34701	20.213	ng	97
12) 1,3-Dichlorobenzene	8.143	146	37500	21.265	ng	94
13) 1,4-Dichlorobenzene	8.290	146	37531	20.529	ng	97
14) 1,2-Dichlorobenzene	8.619	146	36422	21.002	ng	92
15) Benzyl Alcohol	8.484	79	38339	21.692	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.771	45	54097	21.798	ng	96
17) 2-Methylphenol	8.689	107	30057	19.606	ng	97
18) Hexachloroethane	9.359	117	13235	19.373	ng	95
19) n-Nitroso-di-n-propyla...	9.053	70	36522	22.367	ng	97
20) 3+4-Methylphenols	9.018	107	42563	19.481	ng	92
22) Acetophenone	9.083	105	58210	21.213	ng	# 96
24) Nitrobenzene	9.470	77	49959	23.151	ng	99
25) Isophorone	9.993	82	88717	22.147	ng	96
26) 2-Nitrophenol	10.187	139	18872	19.319	ng	# 88
27) 2,4-Dimethylphenol	10.240	122	28791	19.967	ng	89
28) bis(2-Chloroethoxy)met...	10.469	93	50842	21.313	ng	93
29) 2,4-Dichlorophenol	10.728	162	32829	20.173	ng	98
30) 1,2,4-Trichlorobenzene	10.951	180	40507	22.160	ng	98
31) Naphthalene	11.145	128	111383	20.781	ng	95
32) Benzoic acid	10.334	122	20556m	22.018	ng	
33) 4-Chloroaniline	11.239	127	48465	21.041	ng	94
34) Hexachlorobutadiene	11.433	225	28441	25.200	ng	94
35) Caprolactam	11.991	113	13744	31.624	ng	88
36) 4-Chloro-3-methylphenol	12.349	107	41246	20.528	ng	96
37) 2-Methylnaphthalene	12.737	142	82374	21.693	ng	99
38) 1-Methylnaphthalene	12.954	142	79257	21.379	ng	98
40) 1,2,4,5-Tetrachloroben...	13.101	216	51831	21.892	ng	96
41) Hexachlorocyclopentadiene	13.083	237	29524	61.306	ng	95
43) 2,4,6-Trichlorophenol	13.330	196	34241	20.976	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.406	196	37170	21.067	ng	95
46) 1,1'-Biphenyl	13.729	154	116798	20.857	ng	98
47) 2-Chloronaphthalene	13.776	162	90057	20.314	ng	96
48) 2-Nitroaniline	13.964	65	35334	22.051	ng	88
49) Acenaphthylene	14.616	152	146135	20.675	ng	98
50) Dimethylphthalate	14.329	163	125580	20.924	ng	99
51) 2,6-Dinitrotoluene	14.452	165	27373	21.836	ng	95
52) Acenaphthene	14.957	154	93307	22.618	ng	98
53) 3-Nitroaniline	14.781	138	28535	20.320	ng	95
54) 2,4-Dinitrophenol	14.987	184	14992	23.796	ng	94
55) Dibenzofuran	15.286	168	151013	21.079	ng	99
56) 4-Nitrophenol	15.081	139	23162	23.448	ng	96
57) 2,4-Dinitrotoluene	15.233	165	38747	21.579	ng	# 95
58) Fluorene	15.938	166	122726	21.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.509	232	37463m	24.732	ng	
60) Diethylphthalate	15.686	149	129596	20.476	ng	97
61) 4-Chlorophenyl-phenyle...	15.921	204	69174	22.495	ng	95
62) 4-Nitroaniline	15.938	138	31498	20.975	ng	95
63) Azobenzene	16.214	77	139791	22.054	ng	99
65) 4,6-Dinitro-2-methylph...	15.997	198	24810	21.113	ng	98
66) n-Nitrosodiphenylamine	16.132	169	110897	19.639	ng	94
67) 4-Bromophenyl-phenylether	16.819	248	46940	22.056	ng	94
68) Hexachlorobenzene	16.949	284	50446	23.321	ng	97
69) Atrazine	17.072	200	47578	31.682	ng	94
70) Pentachlorophenol	17.283	266	28542	29.024	ng	96
71) Phenanthrene	17.683	178	207678	19.636	ng	98
72) Anthracene	17.771	178	202924	19.341	ng	99
73) Carbazole	18.035	167	205500	19.913	ng	99
74) Di-n-butylphthalate	18.582	149	228499	18.288	ng	100
75) Fluoranthene	19.680	202	277860	21.311	ng	99
77) Benzidine	19.851	184	125715	36.878	ng	99
78) Pyrene	20.044	202	280465	18.628	ng	99
80) Butylbenzylphthalate	20.914	149	97739	15.227	ng	100
81) Benzo(a)anthracene	21.936	228	284055	20.063	ng	100
82) 3,3'-Dichlorobenzidine	21.836	252	106139	16.776	ng	97
83) Chrysene	22.006	228	268819	20.221	ng	99
84) Bis(2-ethylhexyl)phtha...	21.818	149	138761	15.519	ng	98
85) Di-n-octyl phthalate	23.123	149	234766	15.671	ng	100
87) Indeno(1,2,3-cd)pyrene	29.455	276	313088	20.031	ng	# 98
88) Benzo(b)fluoranthene	24.321	252	275322	20.507	ng	96
89) Benzo(k)fluoranthene	24.397	252	266477	19.567	ng	97
90) Benzo(a)pyrene	25.273	252	229627	19.710	ng	99
91) Dibenzo(a,h)anthracene	29.514	278	257542	20.001	ng	# 95
92) Benzo(g,h,i)perylene	30.701	276	252850	19.854	ng	97

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

Manual Integrations

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