

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057756.D
 Acq On : 19 Jun 2023 15:29
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 03:10:29 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:06:18 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	33889	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	152961	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	109967	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	275560	20.000	ng	# 0.00
76) Chrysene-d12	21.555	240	236401	20.000	ng	0.00
86) Perylene-d12	24.704	264	285263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	93667	42.617	ng	0.00
7) Phenol-d6	7.084	99	143687	42.845	ng	0.00
23) Nitrobenzene-d5	9.087	82	124608	41.810	ng	0.00
42) 2,4,6-Tribromophenol	16.044	330	65898	43.019	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	310763	42.863	ng	0.00
79) Terphenyl-d14	19.916	244	544525	42.951	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	22496	22.485	ng	94
3) Pyridine	3.799	79	65229	21.402	ng	99
4) n-Nitrosodimethylamine	3.717	42	29017	20.841	ng	# 96
6) Aniline	7.254	93	91659	21.346	ng	98
8) 2-Chlorophenol	7.489	128	48481	21.442	ng	94
9) Benzaldehyde	7.066	77	43809	20.775	ng	98
10) Phenol	7.107	94	70061	21.218	ng	96
11) bis(2-Chloroethyl)ether	7.348	93	54251	21.370	ng	97
12) 1,3-Dichlorobenzene	7.818	146	50126	21.784	ng	97
13) 1,4-Dichlorobenzene	7.965	146	50529	21.672	ng	95
14) 1,2-Dichlorobenzene	8.282	146	48583	21.535	ng	99
15) Benzyl Alcohol	8.159	79	53153	20.728	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.459	45	104370m	21.385	ng	
17) 2-Methylphenol	8.365	107	52235	21.508	ng	98
18) Hexachloroethane	9.011	117	17466	21.245	ng	96
19) n-Nitroso-di-n-propyla...	8.729	70	50834	21.742	ng	99
20) 3+4-Methylphenols	8.688	107	72094	21.491	ng	96
22) Acetophenone	8.747	105	91571	21.348	ng	96
24) Nitrobenzene	9.128	77	64662	20.847	ng	99
25) Isophorone	9.651	82	143783	21.117	ng	98
26) 2-Nitrophenol	9.839	139	20370	20.642	ng	87
27) 2,4-Dimethylphenol	9.898	122	51114	20.921	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	77313	21.084	ng	100
29) 2,4-Dichlorophenol	10.374	162	48468	20.891	ng	98
30) 1,2,4-Trichlorobenzene	10.591	180	53791	20.800	ng	98
31) Naphthalene	10.779	128	171249	21.035	ng	99
32) Benzoic acid	9.992	122	33222m	18.358	ng	
33) 4-Chloroaniline	10.885	127	80489	21.338	ng	99
34) Hexachlorobutadiene	11.067	225	33209	21.048	ng	98
35) Caprolactam	11.649	113	21044	22.352	ng	96
36) 4-Chloro-3-methylphenol	12.002	107	64857	21.405	ng	97
37) 2-Methylnaphthalene	12.389	142	125857	21.209	ng	99
38) 1-Methylnaphthalene	12.607	142	120463	21.505	ng	100
40) 1,2,4,5-Tetrachloroben...	12.754	216	64424	21.132	ng	100
41) Hexachlorocyclopentadiene	12.736	237	32715	20.213	ng	99
43) 2,4,6-Trichlorophenol	12.989	196	45604	20.892	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	54185	21.295	ng	96
46) 1,1'-Biphenyl	13.394	154	159628	21.141	ng	97
47) 2-Chloronaphthalene	13.435	162	122510	21.120	ng	97
48) 2-Nitroaniline	13.635	65	41515	20.139	ng	97
49) Acenaphthylene	14.281	152	213066	21.399	ng	98
50) Dimethylphthalate	14.017	163	183176	21.688	ng	99
51) 2,6-Dinitrotoluene	14.128	165	32923	21.168	ng	99
52) Acenaphthene	14.622	154	129895	21.074	ng	100
53) 3-Nitroaniline	14.457	138	37125	21.181	ng	97
54) 2,4-Dinitrophenol	14.657	184	13026	20.075	ng	92
55) Dibenzofuran	14.957	168	213512	21.543	ng	99
56) 4-Nitrophenol	14.757	139	29664	21.296	ng	97
57) 2,4-Dinitrotoluene	14.916	165	44073	20.896	ng	# 98
58) Fluorene	15.603	166	172087	21.935	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	45992	21.210	ng	98
60) Diethylphthalate	15.380	149	188309	21.732	ng	98
61) 4-Chlorophenyl-phenyle...	15.603	204	89757	21.516	ng	100
62) 4-Nitroaniline	15.621	138	38836	21.734	ng	98
63) Azobenzene	15.891	77	190887	21.536	ng	99
65) 4,6-Dinitro-2-methylph...	15.674	198	21059	20.107	ng	94
66) n-Nitrosodiphenylamine	15.815	169	152080	20.911	ng	98
67) 4-Bromophenyl-phenylether	16.496	248	59608	20.397	ng	97
68) Hexachlorobenzene	16.608	284	60585	20.336	ng	95
69) Atrazine	16.761	200	54938	22.005	ng	97
70) Pentachlorophenol	16.949	266	45506	20.676	ng	98
71) Phenanthrene	17.342	178	284091	21.293	ng	99
72) Anthracene	17.436	178	290354	21.312	ng	100
73) Carbazole	17.701	167	272166	21.666	ng	98
74) Di-n-butylphthalate	18.271	149	323081	21.721	ng	99
75) Fluoranthene	19.358	202	346991	21.831	ng	98
77) Benzidine	19.534	184	104471	18.853	ng	98
78) Pyrene	19.716	202	355342	21.071	ng	99
80) Butylbenzylphthalate	20.609	149	131772	20.541	ng	99
81) Benzo(a)anthracene	21.537	228	338749	20.886	ng	99
82) 3,3'-Dichlorobenzidine	21.455	252	119822	21.721	ng	100
83) Chrysene	21.602	228	324978	20.878	ng	100
84) Bis(2-ethylhexyl)phtha...	21.455	149	196265	21.072	ng	99
85) Di-n-octyl phthalate	22.642	149	335489	20.536	ng	100
87) Indeno(1,2,3-cd)pyrene	28.282	276	386638	20.730	ng	# 92
88) Benzo(b)fluoranthene	23.705	252	325251	20.807	ng	99
89) Benzo(k)fluoranthene	23.764	252	334056	20.982	ng	99
90) Benzo(a)pyrene	24.552	252	322663	21.017	ng	99
91) Dibenzo(a,h)anthracene	28.353	278	320901	20.737	ng	99
92) Benzo(g,h,i)perylene	29.399	276	319582	20.625	ng	97

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

