

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057871.D
 Acq On : 27 Jun 2023 17:51
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 00:47:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 00:34:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	44296	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	188720	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	141166	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	353366	20.000	ng	0.00
76) Chrysene-d12	21.561	240	293458	20.000	ng	0.00
86) Perylene-d12	24.710	264	366555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	334782	115.635	ng	0.00
7) Phenol-d6	7.090	99	508699	117.501	ng	0.00
23) Nitrobenzene-d5	9.087	82	468699	121.714	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	275740	116.296	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	1043492	112.804	ng	0.00
79) Terphenyl-d14	19.922	244	1771042	110.025	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.400	88	72978	54.994	ng	96
3) Pyridine	3.793	79	225960m	58.929	ng	
4) n-Nitrosodimethylamine	3.711	42	93018	58.932	ng	# 95
6) Aniline	7.254	93	318396	58.871	ng	99
8) 2-Chlorophenol	7.489	128	170881	58.795	ng	99
9) Benzaldehyde	7.060	77	121837	58.169	ng	94
10) Phenol	7.113	94	248040	58.959	ng	94
11) bis(2-Chloroethyl)ether	7.348	93	186910	58.930	ng	98
12) 1,3-Dichlorobenzene	7.812	146	171752	57.452	ng	99
13) 1,4-Dichlorobenzene	7.959	146	173059	57.634	ng	98
14) 1,2-Dichlorobenzene	8.276	146	167214	57.543	ng	98
15) Benzyl Alcohol	8.165	79	193100	60.539	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.447	45	306157	57.970	ng	98
17) 2-Methylphenol	8.364	107	184172	59.050	ng	98
18) Hexachloroethane	9.005	117	61721	58.988	ng	96
19) n-Nitroso-di-n-propyla...	8.735	70	168951	58.321	ng	98
20) 3+4-Methylphenols	8.694	107	261647	60.212	ng	98
22) Acetophenone	8.746	105	312854	59.566	ng	# 99
24) Nitrobenzene	9.128	77	236773	61.257	ng	99
25) Isophorone	9.651	82	502166	60.397	ng	98
26) 2-Nitrophenol	9.839	139	101364	64.358	ng	98
27) 2,4-Dimethylphenol	9.898	122	181925	59.909	ng	99
28) bis(2-Chloroethoxy)met...	10.133	93	267796	59.936	ng	100
29) 2,4-Dichlorophenol	10.374	162	187341	62.907	ng	98
30) 1,2,4-Trichlorobenzene	10.585	180	194005	60.511	ng	100
31) Naphthalene	10.779	128	596862	59.249	ng	99
32) Benzoic acid	10.051	122	165948	69.336	ng	95
33) 4-Chloroaniline	10.885	127	289879	61.160	ng	99
34) Hexachlorobutadiene	11.061	225	117967	59.656	ng	96
35) Caprolactam	11.678	113	76718	59.441	ng	98
36) 4-Chloro-3-methylphenol	12.013	107	237978	60.190	ng	99
37) 2-Methylnaphthalene	12.383	142	442683	59.613	ng	98
38) 1-Methylnaphthalene	12.607	142	418380	59.624	ng	99
40) 1,2,4,5-Tetrachloroben...	12.753	216	233580	59.143	ng	99
41) Hexachlorocyclopentadiene	12.730	237	133905	63.070	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	176332	60.569	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	210954	60.882	ng	98
46) 1,1'-Biphenyl	13.394	154	559316	58.170	ng	99
47) 2-Chloronaphthalene	13.441	162	431633	58.454	ng	98
48) 2-Nitroaniline	13.641	65	185727	63.124	ng	96
49) Acenaphthylene	14.287	152	756467	58.415	ng	99
50) Dimethylphthalate	14.017	163	642630	57.436	ng	99
51) 2,6-Dinitrotoluene	14.140	165	142579	61.375	ng	99
52) Acenaphthene	14.628	154	444284	58.729	ng	99
53) 3-Nitroaniline	14.469	138	159579	60.424	ng	98
54) 2,4-Dinitrophenol	14.669	184	84481	65.824	ng	99
55) Dibenzofuran	14.957	168	744379	57.367	ng	99
56) 4-Nitrophenol	14.775	139	128859	59.513	ng	98
57) 2,4-Dinitrotoluene	14.921	165	204645	60.710	ng	# 97
58) Fluorene	15.609	166	582913	55.659	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	184156	58.629	ng	100
60) Diethylphthalate	15.380	149	664876	56.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.597	204	321374	57.210	ng	98
62) 4-Nitroaniline	15.638	138	158602	57.252	ng	98
63) Azobenzene	15.891	77	647350	57.397	ng	99
65) 4,6-Dinitro-2-methylph...	15.685	198	125967	66.244	ng	99
66) n-Nitrosodiphenylamine	15.815	169	537491	59.602	ng	99
67) 4-Bromophenyl-phenylether	16.496	248	227654	61.031	ng	96
68) Hexachlorobenzene	16.608	284	235643	59.824	ng	97
69) Atrazine	16.766	200	183421	54.768	ng	98
70) Pentachlorophenol	16.949	266	188310	62.513	ng	96
71) Phenanthrene	17.348	178	966427	56.973	ng	99
72) Anthracene	17.436	178	999046	57.106	ng	98
73) Carbazole	17.706	167	930227	55.923	ng	99
74) Di-n-butylphthalate	18.265	149	1144234	55.655	ng	99
75) Fluoranthene	19.357	202	1164195	54.479	ng	98
77) Benzidine	19.534	184	367966	53.446	ng	100
78) Pyrene	19.722	202	1199156	57.228	ng	99
80) Butylbenzylphthalate	20.609	149	503152	59.216	ng	100
81) Benzo(a)anthracene	21.537	228	1179879	58.098	ng	99
82) 3,3'-Dichlorobenzidine	21.461	252	412572	57.094	ng	100
83) Chrysene	21.608	228	1114989	58.004	ng	98
84) Bis(2-ethylhexyl)phtha...	21.449	149	689648	57.167	ng	99
85) Di-n-octyl phthalate	22.636	149	1250679	58.750	ng	99
87) Indeno(1,2,3-cd)pyrene	28.306	276	1450341	59.727	ng	99
88) Benzo(b)fluoranthene	23.711	252	1187107	59.377	ng	99
89) Benzo(k)fluoranthene	23.782	252	1182792	58.536	ng	99
90) Benzo(a)pyrene	24.569	252	1168513	59.003	ng	99
91) Dibenzo(a,h)anthracene	28.376	278	1189898	59.072	ng	100
92) Benzo(g,h,i)perylene	29.446	276	1203975	60.142	ng	99

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

