

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060823\
 Data File : BG057671.D
 Acq On : 8 Jun 2023 14:31
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/09/2023

Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 00:39:39 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 09 00:28:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	6562	20.000	ng	0.00
21) Naphthalene-d8	11.155	136	25376	20.000	ng	# 0.00
39) Acenaphthene-d10	14.933	164	16524	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	40246	20.000	ng	0.00
76) Chrysene-d12	21.972	240	35361	20.000	ng	# 0.00
86) Perylene-d12	25.433	264	41801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.832	112	49027	155.262	ng	0.00
7) Phenol-d6	7.465	99	68063	131.073	ng	0.00
23) Nitrobenzene-d5	9.498	82	70229	122.689	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	34328	141.456	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	150513	122.242	ng	0.00
79) Terphenyl-d14	20.244	244	247496	120.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	9888	49.494	ng	# 92
3) Pyridine	4.046	79	28664	68.097	ng	95
4) n-Nitrosodimethylamine	3.958	42	23738	75.551	ng	# 81
6) Aniline	7.630	93	41900	62.126	ng	95
8) 2-Chlorophenol	7.877	128	25144	63.678	ng	94
9) Benzaldehyde	7.442	77	17772	58.946	ng	91
10) Phenol	7.495	94	32339	64.803	ng	83
11) bis(2-Chloroethyl)ether	7.718	93	22798	58.286	ng	93
12) 1,3-Dichlorobenzene	8.200	146	26701	63.671	ng	96
13) 1,4-Dichlorobenzene	8.353	146	26660	60.136	ng	97
14) 1,2-Dichlorobenzene	8.676	146	26225	61.570	ng	94
15) Benzyl Alcohol	8.558	79	28003	66.251	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.834	45	45631	56.156	ng	99
17) 2-Methylphenol	8.764	107	23883	61.444	ng	# 92
18) Hexachloroethane	9.410	117	10363	61.796	ng	95
19) n-Nitroso-di-n-propyla...	9.122	70	21465	58.440	ng	# 79
20) 3+4-Methylphenols	9.093	107	32026	60.071	ng	89
22) Acetophenone	9.146	105	42249	59.642	ng	# 88
24) Nitrobenzene	9.545	77	33906	60.649	ng	# 97
25) Isophorone	10.062	82	60375	60.317	ng	# 95
26) 2-Nitrophenol	10.262	139	14370	63.124	ng	# 85
27) 2,4-Dimethylphenol	10.303	122	25334	60.880	ng	92
28) bis(2-Chloroethoxy)met...	10.532	93	30403	57.727	ng	99
29) 2,4-Dichlorophenol	10.803	162	24935	65.659	ng	98
30) 1,2,4-Trichlorobenzene	11.014	180	27467	60.010	ng	93
31) Naphthalene	11.202	128	82192	59.573	ng	99
32) Benzoic acid	10.479	122	11041m	54.191	ng	
33) 4-Chloroaniline	11.308	127	35704	59.460	ng	98
34) Hexachlorobutadiene	11.472	225	20328	64.544	ng	97
35) Caprolactam	12.089	113	7737	65.736	ng	# 81
36) 4-Chloro-3-methylphenol	12.413	107	29135	64.172	ng	95
37) 2-Methylnaphthalene	12.789	142	60910	64.588	ng	94
38) 1-Methylnaphthalene	13.000	142	55738m	63.388	ng	
40) 1,2,4,5-Tetrachloroben...	13.147	216	33682	63.227	ng	98
41) Hexachlorocyclopentadiene	13.118	237	8379	62.804	ng	99
43) 2,4,6-Trichlorophenol	13.382	196	21437	65.740	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.470	196	25342	66.512	ng	95
46) 1,1'-Biphenyl	13.770	154	74575	60.998	ng	96
47) 2-Chloronaphthalene	13.823	162	56074	61.733	ng	97
48) 2-Nitroaniline	14.028	65	24530	66.077	ng	# 89
49) Acenaphthylene	14.663	152	93860	61.266	ng	99
50) Dimethylphthalate	14.375	163	77960	61.625	ng	99
51) 2,6-Dinitrotoluene	14.510	165	16158	59.839	ng	# 69
52) Acenaphthene	14.998	154	55573	61.584	ng	97
53) 3-Nitroaniline	14.845	138	17243	62.494	ng	99
54) 2,4-Dinitrophenol	15.062	184	8500	82.921	ng	85
55) Dibenzofuran	15.333	168	92944	63.333	ng	96
56) 4-Nitrophenol	15.162	139	10284	65.483	ng	# 65
57) 2,4-Dinitrotoluene	15.303	165	24173	65.777	ng	# 87
58) Fluorene	15.979	166	75813	64.143	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.556	232	21484m	69.665	ng	
60) Diethylphthalate	15.720	149	83603	65.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.955	204	43356	65.438	ng	96
62) 4-Nitroaniline	16.008	138	18329	67.322	ng	# 52
63) Azobenzene	16.249	77	78801	63.026	ng	86
65) 4,6-Dinitro-2-methylph...	16.067	198	14788	58.499	ng	87
66) n-Nitrosodiphenylamine	16.173	169	66427	49.727	ng	98
67) 4-Bromophenyl-phenylether	16.848	248	28432	56.345	ng	96
68) Hexachlorobenzene	16.984	284	29566	61.323	ng	98
69) Atrazine	17.101	200	25168	59.757	ng	99
70) Pentachlorophenol	17.330	266	12652	59.403	ng	95
71) Phenanthrene	17.718	178	119741	56.789	ng	98
72) Anthracene	17.806	178	123393	56.509	ng	100
73) Carbazole	18.076	167	109624	54.275	ng	100
74) Di-n-butylphthalate	18.588	149	134641	49.530	ng	# 96
75) Fluoranthene	19.710	202	148135	60.636	ng	98
77) Benzidine	19.874	184	56109	62.622	ng	98
78) Pyrene	20.068	202	149283	58.343	ng	99
80) Butylbenzylphthalate	20.914	149	59390	63.701	ng	99
81) Benzo(a)anthracene	21.954	228	151907	60.975	ng	99
82) 3,3'-Dichlorobenzidine	21.849	252	54779	62.047	ng	99
83) Chrysene	22.025	228	143308	60.822	ng	97
84) Bis(2-ethylhexyl)phtha...	21.790	149	85848	61.452	ng	# 94
85) Di-n-octyl phthalate	23.071	149	146178	60.599	ng	99
87) Indeno(1,2,3-cd)pyrene	29.463	276	178706	63.737	ng	# 64
88) Benzo(b)fluoranthene	24.334	252	151574	61.736	ng	99
89) Benzo(k)fluoranthene	24.404	252	153102	61.373	ng	97
90) Benzo(a)pyrene	25.280	252	149901	62.809	ng	98
91) Dibenzo(a,h)anthracene	29.504	278	149475	63.782	ng	96
92) Benzo(g,h,i)perylene	30.720	276	144582	63.159	ng	97

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

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