

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061022\
 Data File : BG053872.D
 Acq On : 10 Jun 2022 12:49
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/13/2022
 Supervised By : Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 17:33:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	22421	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	86712	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	62182	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	158721	20.000	ng	# 0.00
76) Chrysene-d12	21.736	240	179979	20.000	ng	0.00
86) Perylene-d12	25.003	264	188455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	102161	83.673	ng	0.00
7) Phenol-d6	7.242	99	141427	85.511	ng	0.00
23) Nitrobenzene-d5	9.251	82	132467	100.319	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	85434	113.187	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	356289	85.718	ng	0.00
79) Terphenyl-d14	20.062	244	731888	80.900	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.552	88	21552	36.506	ng	98
3) Pyridine	3.951	79	61729	43.137	ng	97
4) n-Nitrosodimethylamine	3.863	42	28289	43.783	ng	# 99
6) Aniline	7.412	93	82529	40.999	ng	97
8) 2-Chlorophenol	7.653	128	55772	44.623	ng	95
9) Benzaldehyde	7.224	77	39015	35.377	ng	80
10) Phenol	7.271	94	70986	41.537	ng	94
11) bis(2-Chloroethyl)ether	7.506	93	52929	39.376	ng	98
12) 1,3-Dichlorobenzene	7.982	146	66092	41.555	ng	92
13) 1,4-Dichlorobenzene	8.129	146	67342	41.634	ng	99
14) 1,2-Dichlorobenzene	8.446	146	63920	41.250	ng	98
15) Benzyl Alcohol	8.323	79	53515	43.228	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.622	45	78564	33.313	ng	98
17) 2-Methylphenol	8.523	107	48066	41.146	ng	92
18) Hexachloroethane	9.181	117	22375	41.809	ng	# 76
19) n-Nitroso-di-n-propyla...	8.893	70	45918	39.200	ng	98
20) 3+4-Methylphenols	8.852	107	67056	42.249	ng	96
22) Acetophenone	8.910	105	87719	40.968	ng	# 95
24) Nitrobenzene	9.292	77	65744	44.994	ng	# 87
25) Isophorone	9.815	82	120249	40.630	ng	96
26) 2-Nitrophenol	10.009	139	30279	62.434	ng	# 82
27) 2,4-Dimethylphenol	10.062	122	45690	42.943	ng	93
28) bis(2-Chloroethoxy)met...	10.297	93	64394	40.039	ng	99
29) 2,4-Dichlorophenol	10.544	162	63057	49.345	ng	91
30) 1,2,4-Trichlorobenzene	10.761	180	75323	46.571	ng	94
31) Naphthalene	10.955	128	181017	40.789	ng	99
32) Benzoic acid	10.215	122	18392m	31.231	ng	
33) 4-Chloroaniline	11.049	127	76691	41.682	ng	# 92
34) Hexachlorobutadiene	11.243	225	57963	50.585	ng	97
35) Caprolactam	11.819	113	17964	49.186	ng	# 77
36) 4-Chloro-3-methylphenol	12.165	107	58481	42.999	ng	# 87
37) 2-Methylnaphthalene	12.553	142	133340	41.417	ng	96
38) 1-Methylnaphthalene	12.771	142	129692	41.194	ng	99
40) 1,2,4,5-Tetrachloroben...	12.917	216	99238	47.526	ng	# 97
41) Hexachlorocyclopentadiene	12.900	237	48901	46.072	ng	95
43) 2,4,6-Trichlorophenol	13.152	196	58498	51.657	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.223	196	64875	51.488	ng	# 91
46) 1,1'-Biphenyl	13.552	154	179681	40.545	ng	99
47) 2-Chloronaphthalene	13.593	162	147244	42.707	ng	97
48) 2-Nitroaniline	13.787	65	41879	47.774	ng	# 86
49) Acenaphthylene	14.439	152	227124	41.064	ng	100
50) Dimethylphthalate	14.163	163	196469	43.114	ng	100
51) 2,6-Dinitrotoluene	14.281	165	42110	51.266	ng	# 76
52) Acenaphthene	14.780	154	146630	41.727	ng	99
53) 3-Nitroaniline	14.610	138	41274	46.625	ng	86
54) 2,4-Dinitrophenol	14.815	184	19514	50.038	ng	# 72
55) Dibenzofuran	15.109	168	233019	41.597	ng	93
56) 4-Nitrophenol	14.903	139	30871	44.649	ng	# 85
57) 2,4-Dinitrotoluene	15.062	165	59388	52.905	ng	88
58) Fluorene	15.761	166	191345	41.254	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	62731	45.840	ng	# 91
60) Diethylphthalate	15.526	149	191646	41.525	ng	96
61) 4-Chlorophenyl-phenyle...	15.749	204	111911	44.755	ng	# 89
62) 4-Nitroaniline	15.767	138	42949	45.020	ng	# 75
63) Azobenzene	16.043	77	156848	36.321	ng	90
65) 4,6-Dinitro-2-methylph...	15.832	198	35276	56.873	ng	79
66) n-Nitrosodiphenylamine	15.961	169	170966	40.507	ng	96
67) 4-Bromophenyl-phenylether	16.642	248	82625	47.911	ng	# 93
68) Hexachlorobenzene	16.766	284	91183	47.435	ng	# 93
69) Atrazine	16.907	200	73632	44.557	ng	96
70) Pentachlorophenol	17.107	266	47614	41.414	ng	96
71) Phenanthrene	17.500	178	336536	40.283	ng	99
72) Anthracene	17.588	178	333485	40.786	ng	98
73) Carbazole	17.853	167	288818	39.133	ng	99
74) Di-n-butylphthalate	18.417	149	345820	40.747	ng	# 98
75) Fluoranthene	19.504	202	442202	40.809	ng	97
77) Benzidine	19.680	184	205572	46.710	ng	98
78) Pyrene	19.868	202	449488	39.271	ng	98
80) Butylbenzylphthalate	20.749	149	155107	41.552	ng	88
81) Benzo(a)anthracene	21.719	228	477029	39.923	ng	98
82) 3,3'-Dichlorobenzidine	21.625	252	151670	45.036	ng	99
83) Chrysene	21.783	228	454077	40.260	ng	98
84) Bis(2-ethylhexyl)phtha...	21.625	149	219222	40.840	ng	94
85) Di-n-octyl phthalate	22.859	149	381331	42.718	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.746	276	588842	42.391	ng	# 95
88) Benzo(b)fluoranthene	23.969	252	469081	40.093	ng	100
89) Benzo(k)fluoranthene	24.034	252	481417	41.628	ng	99
90) Benzo(a)pyrene	24.850	252	407857	41.219	ng	98
91) Dibenzo(a,h)anthracene	28.816	278	486585	42.391	ng	98
92) Benzo(g,h,i)perylene	29.915	276	480188	42.440	ng	97

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

