

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055011.D
 Acq On : 23 Sep 2022 13:00
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/26/2022
 Supervised By : Jagrut Upadhyay 09/26/2022

Quant Time: Sep 24 02:27:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	44029	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	172237	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	122163	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	277857	20.000	ng	0.00
76) Chrysene-d12	21.728	240	270061	20.000	ng	0.00
86) Perylene-d12	25.036	264	295477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	182397	81.059	ng	0.00
7) Phenol-d6	7.216	99	246370	81.685	ng	0.00
23) Nitrobenzene-d5	9.237	82	236630	79.632	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	115188	80.487	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	638190	82.330	ng	0.00
79) Terphenyl-d14	20.054	244	1033501	80.052	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	39704	36.319	ng	# 83
3) Pyridine	3.826	79	116176	39.109	ng	# 84
4) n-Nitrosodimethylamine	3.737	42	41496	38.285	ng	81
6) Aniline	7.374	93	150479	39.890	ng	94
8) 2-Chlorophenol	7.621	128	109478	41.303	ng	94
9) Benzaldehyde	7.192	77	74968	39.016	ng	90
10) Phenol	7.245	94	133629	40.884	ng	93
11) bis(2-Chloroethyl)ether	7.468	93	101943	39.436	ng	90
12) 1,3-Dichlorobenzene	7.944	146	125583	40.619	ng	97
13) 1,4-Dichlorobenzene	8.091	146	127060	40.325	ng	97
14) 1,2-Dichlorobenzene	8.414	146	119673	40.309	ng	98
15) Benzyl Alcohol	8.297	79	89493	40.570	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.579	45	111999	35.351	ng	90
17) 2-Methylphenol	8.508	107	95302	41.363	ng	97
18) Hexachloroethane	9.143	117	42967	39.674	ng	92
19) n-Nitroso-di-n-propyla...	8.867	70	80923	38.982	ng	# 87
20) 3+4-Methylphenols	8.837	107	133159	41.316	ng	95
22) Acetophenone	8.890	105	164781	40.480	ng	# 93
24) Nitrobenzene	9.278	77	117453	39.450	ng	93
25) Isophorone	9.795	82	220865	39.147	ng	97
26) 2-Nitrophenol	9.995	139	65554	41.819	ng	96
27) 2,4-Dimethylphenol	10.048	122	92380	41.744	ng	94
28) bis(2-Chloroethoxy)met...	10.277	93	127347	40.076	ng	99
29) 2,4-Dichlorophenol	10.535	162	112137	42.448	ng	97
30) 1,2,4-Trichlorobenzene	10.741	180	127889	42.008	ng	97
31) Naphthalene	10.935	128	366873	40.736	ng	100
32) Benzoic acid	10.424	122	6775m	11.242	ng	
33) 4-Chloroaniline	11.047	127	148494	40.462	ng	95
34) Hexachlorobutadiene	11.205	225	85200	42.139	ng	99
35) Caprolactam	11.828	113	36687	38.111	ng	# 70
36) 4-Chloro-3-methylphenol	12.169	107	114598	40.619	ng	99
37) 2-Methylnaphthalene	12.539	142	264370	41.205	ng	99
38) 1-Methylnaphthalene	12.756	142	257629	41.056	ng	98
40) 1,2,4,5-Tetrachloroben...	12.903	216	150935	42.252	ng	# 98
41) Hexachlorocyclopentadiene	12.874	237	8677	24.974	ng	98
43) 2,4,6-Trichlorophenol	13.144	196	84503	41.171	ng	99

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44) 2,4,5-Trichlorophenol	13.226	196	95805	40.653	ng	97
46) 1,1'-Biphenyl	13.538	154	340058	41.257	ng	98
47) 2-Chloronaphthalene	13.585	162	263103	40.832	ng	98
48) 2-Nitroaniline	13.796	65	73140	38.681	ng	# 79
49) Acenaphthylene	14.431	152	437978	40.222	ng	99
50) Dimethylphthalate	14.155	163	366044	39.569	ng	99
51) 2,6-Dinitrotoluene	14.284	165	78355	39.839	ng	# 82
52) Acenaphthene	14.766	154	271255m	40.431	ng	
53) 3-Nitroaniline	14.619	138	83553	39.158	ng	85
54) 2,4-Dinitrophenol	14.836	184	16512	33.864	ng	96
55) Dibenzofuran	15.101	168	424469	40.273	ng	98
56) 4-Nitrophenol	14.936	139	39946	32.612	ng	90
57) 2,4-Dinitrotoluene	15.071	165	111449	39.837	ng	# 80
58) Fluorene	15.753	166	353737	39.543	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.330	232	74518	34.759	ng	98
60) Diethylphthalate	15.506	149	352963	38.217	ng	96
61) 4-Chlorophenyl-phenyle...	15.735	204	181837	40.229	ng	96
62) 4-Nitroaniline	15.782	138	85723	38.575	ng	91
63) Azobenzene	16.029	77	290384	38.441	ng	91
65) 4,6-Dinitro-2-methylph...	15.841	198	53116	38.626	ng	92
66) n-Nitrosodiphenylamine	15.953	169	312182	42.022	ng	99
67) 4-Bromophenyl-phenylether	16.628	248	130227	42.497	ng	96
68) Hexachlorobenzene	16.752	284	145984	41.473	ng	95
69) Atrazine	16.893	200	111509	39.546	ng	98
70) Pentachlorophenol	17.110	266	22670	33.563	ng	97
71) Phenanthrene	17.492	178	574003	40.563	ng	100
72) Anthracene	17.586	178	562272	40.732	ng	100
73) Carbazole	17.856	167	508169	40.205	ng	100
74) Di-n-butylphthalate	18.391	149	610478	38.942	ng	99
75) Fluoranthene	19.501	202	704880	39.329	ng	98
77) Benzidine	19.683	184	227958	34.069	ng	99
78) Pyrene	19.866	202	719400	40.522	ng	99
80) Butylbenzylphthalate	20.729	149	273834	39.695	ng	93
81) Benzo(a)anthracene	21.710	228	707763	40.749	ng	100
82) 3,3'-Dichlorobenzidine	21.622	252	243333	40.387	ng	# 98
83) Chrysene	21.781	228	675698	40.640	ng	100
84) Bis(2-ethylhexyl)phtha...	21.587	149	397831	40.206	ng	97
85) Di-n-octyl phthalate	22.815	149	686450	40.125	ng	# 90
87) Indeno(1,2,3-cd)pyrene	28.867	276	890838	40.554	ng	# 96
88) Benzo(b)fluoranthene	23.978	252	707948	40.621	ng	98
89) Benzo(k)fluoranthene	24.049	252	735470	41.802	ng	# 98
90) Benzo(a)pyrene	24.883	252	615625	41.023	ng	97
91) Dibenzo(a,h)anthracene	28.914	278	730819	40.416	ng	97
92) Benzo(g,h,i)perylene	30.060	276	730491	40.071	ng	96

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

