

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072522\
 Data File : BG054374.D
 Acq On : 25 Jul 2022 10:57
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 00:53:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 15:54:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	17926	20.000	ng	-0.01
21) Naphthalene-d8	10.796	136	64228	20.000	ng	#-0.01
39) Acenaphthene-d10	14.627	164	51664	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	142618	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	160199	20.000	ng	# 0.00
86) Perylene-d12	24.838	264	173342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	72928	84.941	ng	0.00
7) Phenol-d6	7.171	99	98071	83.361	ng	0.00
23) Nitrobenzene-d5	9.157	82	99744	84.570	ng	0.00
42) 2,4,6-Tribromophenol	16.119	330	94083	86.732	ng	0.00
45) 2-Fluorobiphenyl	13.252	172	295813	80.772	ng	0.00
79) Terphenyl-d14	19.979	244	684688	84.787	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	14023m	41.054	ng	
3) Pyridine	3.822	79	36661	42.309	ng	92
4) n-Nitrosodimethylamine	3.734	42	21788	44.969	ng	# 80
6) Aniline	7.312	93	56601	41.680	ng	97
8) 2-Chlorophenol	7.559	128	40856	41.408	ng	91
9) Benzaldehyde	7.124	77	26173	44.392	ng	88
10) Phenol	7.200	94	48337	41.354	ng	93
11) bis(2-Chloroethyl)ether	7.406	93	35260	41.373	ng	92
12) 1,3-Dichlorobenzene	7.876	146	49689	41.332	ng	95
13) 1,4-Dichlorobenzene	8.023	146	50264	40.487	ng	98
14) 1,2-Dichlorobenzene	8.346	146	48540	41.462	ng	100
15) Benzyl Alcohol	8.228	79	39824	41.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	44264	41.239	ng	95
17) 2-Methylphenol	8.446	107	35082	41.641	ng	95
18) Hexachloroethane	9.074	117	17676	43.000	ng	# 65
19) n-Nitroso-di-n-propyla...	8.792	70	31377	39.940	ng	97
20) 3+4-Methylphenols	8.775	107	48537	40.889	ng	95
22) Acetophenone	8.816	105	65662	42.506	ng	98
24) Nitrobenzene	9.198	77	49093	42.592	ng	# 82
25) Isophorone	9.721	82	86262	42.054	ng	# 91
26) 2-Nitrophenol	9.909	139	24467	42.112	ng	90
27) 2,4-Dimethylphenol	9.979	122	33407	41.623	ng	93
28) bis(2-Chloroethoxy)met...	10.197	93	42199	40.790	ng	99
29) 2,4-Dichlorophenol	10.461	162	51181	42.247	ng	90
30) 1,2,4-Trichlorobenzene	10.661	180	62669	41.768	ng	# 97
31) Naphthalene	10.849	128	135198	41.933	ng	99
32) Benzoic acid	10.132	122	15346m	48.144	ng	
33) 4-Chloroaniline	10.960	127	55183	42.088	ng	95
34) Hexachlorobutadiene	11.137	225	55019	41.493	ng	96
35) Caprolactam	11.736	113	13823	45.316	ng	# 76
36) 4-Chloro-3-methylphenol	12.100	107	46299	42.009	ng	88
37) 2-Methylnaphthalene	12.453	142	102095	41.235	ng	99
38) 1-Methylnaphthalene	12.676	142	98335	40.760	ng	100
40) 1,2,4,5-Tetrachloroben...	12.829	216	91592	40.465	ng	# 95
41) Hexachlorocyclopentadiene	12.805	237	21568	34.721	ng	94
43) 2,4,6-Trichlorophenol	13.070	196	52729	42.784	ng	99

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44) 2,4,5-Trichlorophenol	13.158	196	59408	42.662	ng	# 89
46) 1,1'-Biphenyl	13.458	154	143187	40.511	ng	98
47) 2-Chloronaphthalene	13.505	162	120070	40.592	ng	95
48) 2-Nitroaniline	13.710	65	33736	43.702	ng	89
49) Acenaphthylene	14.351	152	181753	41.352	ng	98
50) Dimethylphthalate	14.080	163	166922	41.364	ng	# 99
51) 2,6-Dinitrotoluene	14.204	165	37053	41.861	ng	# 77
52) Acenaphthene	14.691	154	109966	41.317	ng	97
53) 3-Nitroaniline	14.533	138	32019	43.253	ng	86
54) 2,4-Dinitrophenol	14.756	184	18827	40.221	ng	# 75
55) Dibenzofuran	15.026	168	194470	41.065	ng	95
56) 4-Nitrophenol	14.874	139	20333	41.169	ng	95
57) 2,4-Dinitrotoluene	14.997	165	54169	42.689	ng	# 83
58) Fluorene	15.673	166	163555	42.006	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.261	232	55761	41.130	ng	# 88
60) Diethylphthalate	15.438	149	164392	42.464	ng	96
61) 4-Chlorophenyl-phenyle...	15.661	204	106021	41.482	ng	# 89
62) 4-Nitroaniline	15.696	138	34809	44.757	ng	88
63) Azobenzene	15.955	77	117534	42.019	ng	84
65) 4,6-Dinitro-2-methylph...	15.767	198	36655	41.601	ng	78
66) n-Nitrosodiphenylamine	15.878	169	146520	41.149	ng	96
67) 4-Bromophenyl-phenylether	16.560	248	81147	40.513	ng	# 88
68) Hexachlorobenzene	16.689	284	93824	40.961	ng	# 89
69) Atrazine	16.824	200	65537	41.361	ng	94
70) Pentachlorophenol	17.036	266	35678	37.995	ng	100
71) Phenanthrene	17.418	178	292389	41.168	ng	97
72) Anthracene	17.506	178	288702	41.423	ng	98
73) Carbazole	17.776	167	240553	41.923	ng	98
74) Di-n-butylphthalate	18.328	149	287480	42.455	ng	98
75) Fluoranthene	19.427	202	391272	40.414	ng	96
77) Benzidine	19.597	184	123350	42.515	ng	97
78) Pyrene	19.785	202	392802	42.733	ng	97
80) Butylbenzylphthalate	20.667	149	120422	42.039	ng	# 87
81) Benzo(a)anthracene	21.619	228	417245	41.030	ng	98
82) 3,3'-Dichlorobenzidine	21.530	252	132123	41.776	ng	# 96
83) Chrysene	21.683	228	395842	41.201	ng	97
84) Bis(2-ethylhexyl)phtha...	21.519	149	169925	41.922	ng	# 93
85) Di-n-octyl phthalate	22.717	149	285857	41.339	ng	# 93
87) Indeno(1,2,3-cd)pyrene	28.516	276	538420	40.830	ng	98
88) Benzo(b)fluoranthene	23.822	252	416923	40.670	ng	# 98
89) Benzo(k)fluoranthene	23.892	252	415226	40.700	ng	# 97
90) Benzo(a)pyrene	24.691	252	356418	40.712	ng	# 99
91) Dibenzo(a,h)anthracene	28.563	278	449495	41.453	ng	# 96
92) Benzo(g,h,i)perylene	29.656	276	438081	40.934	ng	# 93

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

