

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041122\
 Data File : BG053103.D
 Acq On : 11 Apr 2022 16:17
 Operator : CG/JU
 Sample : N2340-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-04-COMPMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2022
 Supervised By : Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 06:07:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	29593	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	126134	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	98471	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	234354	20.000	ng	0.00
76) Chrysene-d12	21.772	240	230094	20.000	ng	0.00
86) Perylene-d12	25.073	264	248200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	211719	122.639	ng	0.00
7) Phenol-d6	7.279	99	315137	118.373	ng	0.00
23) Nitrobenzene-d5	9.283	82	212694	68.468	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	165628	105.722	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	482501	67.565	ng	0.00
79) Terphenyl-d14	20.086	244	914975	67.160	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.567	88	36177	43.881	ng	92
3) Pyridine	3.960	79	90782	41.750	ng	# 86
4) n-Nitrosodimethylamine	3.878	42	54646	50.750	ng	84
6) Aniline	7.438	93	120667	39.110	ng	95
8) 2-Chlorophenol	7.691	128	102357	54.920	ng	95
9) Benzaldehyde	7.250	77	79561m	49.996	ng	
10) Phenol	7.309	94	142091	53.620	ng	89
11) bis(2-Chloroethyl)ether	7.532	93	92222	48.278	ng	94
12) 1,3-Dichlorobenzene	8.008	146	101079m	46.672	ng	
13) 1,4-Dichlorobenzene	8.155	146	103760	46.995	ng	98
14) 1,2-Dichlorobenzene	8.478	146	98787	46.398	ng	99
15) Benzyl Alcohol	8.354	79	119575	50.532	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.642	45	149634	46.919	ng	98
17) 2-Methylphenol	8.560	107	96558	53.846	ng	95
18) Hexachloroethane	9.212	117	39754	48.015	ng	97
19) n-Nitroso-di-n-propyla...	8.924	70	91465	46.928	ng	# 94
20) 3+4-Methylphenols	8.889	107	131709	52.029	ng	90
22) Acetophenone	8.942	105	161043	46.021	ng	95
24) Nitrobenzene	9.324	77	142150	47.045	ng	# 87
25) Isophorone	9.847	82	260861	49.404	ng	97
26) 2-Nitrophenol	10.040	139	59024	46.715	ng	# 91
27) 2,4-Dimethylphenol	10.099	122	104942	57.993	ng	95
28) bis(2-Chloroethoxy)met...	10.328	93	137445	46.334	ng	99
29) 2,4-Dichlorophenol	10.581	162	115246	50.660	ng	97
30) 1,2,4-Trichlorobenzene	10.798	180	114693	44.546	ng	95
31) Naphthalene	10.986	128	306525	45.550	ng	100
32) Benzoic acid	10.246	122	62275	52.510	ng	# 84
33) 4-Chloroaniline	11.080	127	55274	19.180	ng	96
34) Hexachlorobutadiene	11.268	225	82685	43.233	ng	99
35) Caprolactam	11.861	113	40386m	50.366	ng	
36) 4-Chloro-3-methylphenol	12.208	107	132815	50.149	ng	93
37) 2-Methylnaphthalene	12.578	142	230283	46.246	ng	# 94
38) 1-Methylnaphthalene	12.796	142	224467	46.181	ng	94
40) 1,2,4,5-Tetrachloroben...	12.948	216	149536	44.712	ng	98
41) Hexachlorocyclopentadiene	12.931	237	190260	110.203	ng	93
43) 2,4,6-Trichlorophenol	13.183	196	108444	47.030	ng	96

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44) 2,4,5-Trichlorophenol	13.260	196	116183	47.283	ng	96
46) 1,1'-Biphenyl	13.577	154	328403	46.311	ng	99
47) 2-Chloronaphthalene	13.624	162	252619	44.652	ng	96
48) 2-Nitroaniline	13.818	65	100881	46.986	ng	91
49) Acenaphthylene	14.470	152	433717	48.972	ng	98
50) Dimethylphthalate	14.194	163	354331	44.988	ng	99
51) 2,6-Dinitrotoluene	14.311	165	78961	48.056	ng	# 84
52) Acenaphthene	14.810	154	321963m	53.608	ng	
53) 3-Nitroaniline	14.640	138	41987	24.166	ng	91
54) 2,4-Dinitrophenol	14.852	184	104151	99.621	ng	# 84
55) Dibenzofuran	15.139	168	419603	44.618	ng	98
56) 4-Nitrophenol	14.951	139	128441	96.931	ng	# 71
57) 2,4-Dinitrotoluene	15.098	165	110272	47.140	ng	# 82
58) Fluorene	15.791	166	345256	45.455	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.369	232	108602	45.512	ng	98
60) Diethylphthalate	15.551	149	369144	44.733	ng	100
61) 4-Chlorophenyl-phenyle...	15.774	204	190420	44.225	ng	96
62) 4-Nitroaniline	15.803	138	80009	43.641	ng	# 76
63) Azobenzene	16.068	77	373612	44.905	ng	96
65) 4,6-Dinitro-2-methylph...	15.862	198	72112	44.105	ng	93
66) n-Nitrosodiphenylamine	15.991	169	311885	46.279	ng	98
67) 4-Bromophenyl-phenylether	16.673	248	137610	45.826	ng	97
68) Hexachlorobenzene	16.796	284	151914	46.714	ng	94
69) Atrazine	16.931	200	134846	51.224	ng	97
70) Pentachlorophenol	17.143	266	183465	103.227	ng	93
71) Phenanthrene	17.530	178	582775	45.526	ng	99
72) Anthracene	17.624	178	593473	46.798	ng	100
73) Carbazole	17.889	167	545802	44.275	ng	99
74) Di-n-butylphthalate	18.435	149	638504	45.669	ng	98
75) Fluoranthene	19.533	202	749436	45.674	ng	99
77) Benzidine	19.710	184	441310	67.222	ng	99
78) Pyrene	19.898	202	741086	45.223	ng	99
80) Butylbenzylphthalate	20.773	149	278494	45.584	ng	96
81) Benzo(a)anthracene	21.754	228	740491	47.069	ng	98
82) 3,3'-Dichlorobenzidine	21.660	252	153202	26.479	ng	95
83) Chrysene	21.819	228	671629	46.000	ng	100
84) Bis(2-ethylhexyl)phtha...	21.642	149	391096	47.359	ng	99
85) Di-n-octyl phthalate	22.882	149	661540	47.898	ng	97
87) Indeno(1,2,3-cd)pyrene	28.856	276	841357	45.627	ng	# 98
88) Benzo(b)fluoranthene	24.022	252	765739	48.898	ng	97
89) Benzo(k)fluoranthene	24.092	252	719488	46.748	ng	98
90) Benzo(a)pyrene	24.914	252	733031	54.946	ng	99
91) Dibenzo(a,h)anthracene	28.915	278	720071	47.445	ng	97
92) Benzo(g,h,i)perylene	30.037	276	713530	47.699	ng	97

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

