

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051106.D
 Acq On : 18 Nov 2021 15:23
 Operator : CG/JU
 Sample : M4693-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UT-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
 Supervised By :mohammad ahmed 11/29/2021

Quant Time: Nov 18 17:24:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	30390	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	126953	20.000	ng	# 0.00
39) Acenaphthene-d10	14.847	164	87020	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	193068	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	164627	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	164502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	230754	113.585	ng	0.00
7) Phenol-d6	7.374	99	287480	100.257	ng	0.00
23) Nitrobenzene-d5	9.401	82	218767	76.281	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	112440	129.118	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	439940	79.880	ng	0.00
79) Terphenyl-d14	20.182	244	727178	80.824	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.619	88	31471	35.033	ng	# 26
3) Pyridine	4.037	79	62631	23.221	ng	# 89
4) n-Nitrosodimethylamine	3.937	42	46564	38.920	ng	# 47
6) Aniline	7.544	93	69081	20.228	ng	96
8) 2-Chlorophenol	7.785	128	94486	45.281	ng	92
9) Benzaldehyde	7.356	77	59521	28.846	ng	88
10) Phenol	7.403	94	117837	40.014	ng	# 79
11) bis(2-Chloroethyl)ether	7.627	93	93978	41.416	ng	90
12) 1,3-Dichlorobenzene	8.108	146	94393	41.534	ng	93
13) 1,4-Dichlorobenzene	8.255	146	95773	41.868	ng	98
14) 1,2-Dichlorobenzene	8.578	146	92470	41.622	ng	94
15) Benzyl Alcohol	8.461	79	101658	45.074	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.743	45	139137	38.252	ng	89
17) 2-Methylphenol	8.666	107	86594	44.163	ng	# 89
18) Hexachloroethane	9.307	117	36077	41.549	ng	97
19) n-Nitroso-di-n-propyla...	9.025	70	87159	41.132	ng	# 87
20) 3+4-Methylphenols	8.995	107	118271	42.744	ng	94
22) Acetophenone	9.054	105	148594	42.113	ng	# 93
24) Nitrobenzene	9.442	77	122384	43.284	ng	92
25) Isophorone	9.959	82	226828	43.759	ng	# 96
26) 2-Nitrophenol	10.153	139	54611	45.445	ng	# 85
27) 2,4-Dimethylphenol	10.206	122	94487	51.585	ng	92
28) bis(2-Chloroethoxy)met...	10.435	93	129048	41.882	ng	95
29) 2,4-Dichlorophenol	10.694	162	93310	47.646	ng	98
30) 1,2,4-Trichlorobenzene	10.905	180	95138	43.363	ng	94
31) Naphthalene	11.099	128	294233	43.162	ng	98
32) Benzoic acid	10.359	122	51206	36.273	ng	# 75
33) 4-Chloroaniline	11.211	127	19426	6.745	ng	# 92
34) Hexachlorobutadiene	11.363	225	56562	42.369	ng	91
35) Caprolactam	11.998	113	30728m	57.707	ng	
36) 4-Chloro-3-methylphenol	12.321	107	114690	46.940	ng	94
37) 2-Methylnaphthalene	12.691	142	209323	45.188	ng	92
38) 1-Methylnaphthalene	12.909	142	194052	42.867	ng	93
40) 1,2,4,5-Tetrachloroben...	13.055	216	107036	42.222	ng	97
41) Hexachlorocyclopentadiene	13.020	237	79252	91.799	ng	91
43) 2,4,6-Trichlorophenol	13.290	196	81188	44.887	ng	95

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44) 2,4,5-Trichlorophenol	13.373	196	89610	46.454	ng	89
46) 1,1'-Biphenyl	13.684	154	266825	41.991	ng	96
47) 2-Chloronaphthalene	13.737	162	212187	42.587	ng	98
48) 2-Nitroaniline	13.937	65	83250	43.633	ng	89
49) Acenaphthylene	14.577	152	351022	43.562	ng	97
50) Dimethylphthalate	14.295	163	296160	43.255	ng	99
51) 2,6-Dinitrotoluene	14.424	165	63402	44.993	ng	83
52) Acenaphthene	14.912	154	203009	43.237	ng	92
53) 3-Nitroaniline	14.759	138	25703	15.607	ng	98
54) 2,4-Dinitrophenol	14.977	184	59497	77.209	ng #	80
55) Dibenzofuran	15.247	168	339461	42.507	ng	95
56) 4-Nitrophenol	15.071	139	100748	79.966	ng #	71
57) 2,4-Dinitrotoluene	15.218	165	92793	46.411	ng #	88
58) Fluorene	15.893	166	271310	43.522	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.476	232	74311m	45.232	ng	
60) Diethylphthalate	15.647	149	313977	43.702	ng	98
61) 4-Chlorophenyl-phenyle...	15.876	204	144623	42.951	ng	97
62) 4-Nitroaniline	15.923	138	69608	40.661	ng #	62
63) Azobenzene	16.175	77	314573	41.318	ng	82
65) 4,6-Dinitro-2-methylph...	15.981	198	49131	41.133	ng	88
66) n-Nitrosodiphenylamine	16.093	169	250761	45.226	ng	98
67) 4-Bromophenyl-phenylether	16.775	248	89628	44.319	ng	93
68) Hexachlorobenzene	16.898	284	93667	47.054	ng	93
69) Atrazine	17.039	200	99573	72.228	ng	97
70) Pentachlorophenol	17.251	266	103077	91.246	ng	98
71) Phenanthrene	17.638	178	461674	44.830	ng	98
72) Anthracene	17.732	178	472797	46.161	ng	98
73) Carbazole	18.003	167	430016	42.394	ng	98
74) Di-n-butylphthalate	18.526	149	549564	45.729	ng #	96
75) Fluoranthene	19.642	202	539473	42.698	ng	96
77) Benzidine	19.812	184	68683	22.072	ng	98
78) Pyrene	20.000	202	536099	43.408	ng	98
80) Butylbenzylphthalate	20.864	149	227955	42.941	ng	96
81) Benzo(a)anthracene	21.875	228	481049	42.555	ng	99
82) 3,3'-Dichlorobenzidine	21.781	252	79491	15.376	ng #	96
83) Chrysene	21.951	228	468892	43.971	ng	96
84) Bis(2-ethylhexyl)phtha...	21.739	149	326012	43.614	ng #	98
85) Di-n-octyl phthalate	23.008	149	557766	44.328	ng	99
87) Indeno(1,2,3-cd)pyrene	29.242	276	529895	45.382	ng #	88
88) Benzo(b)fluoranthene	24.219	252	487314	47.062	ng #	93
89) Benzo(k)fluoranthene	24.289	252	461476	44.685	ng #	97
90) Benzo(a)pyrene	25.147	252	461445	52.199	ng #	95
91) Dibenzo(a,h)anthracene	29.301	278	447779	46.579	ng #	94
92) Benzo(g,h,i)perylene	30.470	276	442962	46.822	ng #	91

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

