

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
 Data File : BG050685.D
 Acq On : 22 Oct 2021 11:50
 Operator : CG/JU
 Sample : PB140104BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140104BS

Manual Integrations
 APPROVED

mohammad
 10/25/2021 1:46:46 PM

Quant Time: Oct 22 14:04:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	40596	20.000	ng	# 0.00
21) Naphthalene-d8	11.081	136	174181	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	112464	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	253463	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	242801	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	237791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	336780	124.068	ng	0.00
7) Phenol-d6	7.397	99	442668	112.636	ng	0.00
23) Nitrobenzene-d5	9.424	82	308790	73.387	ng	0.00
42) 2,4,6-Tribromophenol	16.357	330	120554	112.383	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	549219	73.498	ng	0.00
79) Terphenyl-d14	20.206	244	968764	77.757	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.643	88	39208	27.889	ng	90
3) Pyridine	4.054	79	96192	25.046	ng	# 92
4) n-Nitrosodimethylamine	3.972	42	70587	39.001	ng	# 49
6) Aniline	7.568	93	170461	37.332	ng	96
8) 2-Chlorophenol	7.814	128	122002	46.680	ng	87
9) Benzaldehyde	7.386	77	96369	38.736	ng	92
10) Phenol	7.427	94	168485	44.092	ng	85
11) bis(2-Chloroethyl)ether	7.662	93	124881	41.872	ng	85
12) 1,3-Dichlorobenzene	8.138	146	123115	40.807	ng	96
13) 1,4-Dichlorobenzene	8.290	146	125860	41.380	ng	98
14) 1,2-Dichlorobenzene	8.608	146	120239	41.388	ng	94
15) Benzyl Alcohol	8.484	79	134223	43.218	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.772	45	200788	41.280	ng	86
17) 2-Methylphenol	8.684	107	112887	44.898	ng	93
18) Hexachloroethane	9.342	117	49061	42.619	ng	92
19) n-Nitroso-di-n-propyla...	9.054	70	113094	39.481	ng	# 89
20) 3+4-Methylphenols	9.013	107	152790	43.173	ng	96
22) Acetophenone	9.078	105	190946	38.560	ng	# 98
24) Nitrobenzene	9.465	77	165317	39.514	ng	95
25) Isophorone	9.988	82	289504	38.790	ng	# 96
26) 2-Nitrophenol	10.182	139	68308	44.464	ng	94
27) 2,4-Dimethylphenol	10.229	122	121471	45.766	ng	91
28) bis(2-Chloroethoxy)met...	10.464	93	163461	38.305	ng	93
29) 2,4-Dichlorophenol	10.717	162	113278	41.874	ng	93
30) 1,2,4-Trichlorobenzene	10.934	180	120650	39.261	ng	95
31) Naphthalene	11.128	128	371119	39.805	ng	99
32) Benzoic acid	10.364	122	65263	33.131	ng	# 76
33) 4-Chloroaniline	11.228	127	120264	30.744	ng	97
34) Hexachlorobutadiene	11.398	225	73990	38.352	ng	93
35) Caprolactam	12.004	113	42663m	41.207	ng	
36) 4-Chloro-3-methylphenol	12.333	107	139066	41.128	ng	# 90
37) 2-Methylnaphthalene	12.715	142	263289	40.928	ng	94
38) 1-Methylnaphthalene	12.932	142	240123	38.494	ng	93
40) 1,2,4,5-Tetrachloroben...	13.073	216	130755	39.371	ng	97
41) Hexachlorocyclopentadiene	13.049	237	156716	81.649	ng	94
43) 2,4,6-Trichlorophenol	13.308	196	93990	40.162	ng	94

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44) 2,4,5-Trichlorophenol	13.384	196	100534	41.088	ng	94
46) 1,1'-Biphenyl	13.708	154	316320	38.561	ng	95
47) 2-Chloronaphthalene	13.760	162	253102	40.182	ng	99
48) 2-Nitroaniline	13.954	65	109263	43.606	ng	96
49) Acenaphthylene	14.601	152	416374	40.343	ng	96
50) Dimethylphthalate	14.319	163	336953	39.638	ng	98
51) 2,6-Dinitrotoluene	14.442	165	73892	43.398	ng	95
52) Acenaphthene	14.936	154	296676m	44.733	ng	
53) 3-Nitroaniline	14.777	138	67288	33.410	ng	90
54) 2,4-Dinitrophenol	14.983	184	85875	81.299	ng	89
55) Dibenzofuran	15.270	168	394137	38.425	ng	98
56) 4-Nitrophenol	15.077	139	139708	86.235	ng	# 80
57) 2,4-Dinitrotoluene	15.229	165	106045	44.187	ng	96
58) Fluorene	15.917	166	317353	40.280	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.488	232	84575	39.681	ng	96
60) Diethylphthalate	15.670	149	360020	40.308	ng	97
61) 4-Chlorophenyl-phenyle...	15.899	204	170183	39.478	ng	98
62) 4-Nitroaniline	15.934	138	87515	41.765	ng	# 67
63) Azobenzene	16.193	77	400919	38.777	ng	82
65) 4,6-Dinitro-2-methylph...	15.987	198	59427	39.035	ng	88
66) n-Nitrosodiphenylamine	16.116	169	286882	39.834	ng	97
67) 4-Bromophenyl-phenylether	16.798	248	99870	39.102	ng	96
68) Hexachlorobenzene	16.916	284	103191	40.651	ng	# 90
69) Atrazine	17.057	200	121776	42.924	ng	98
70) Pentachlorophenol	17.262	266	130988	75.800	ng	98
71) Phenanthrene	17.662	178	541091	40.511	ng	98
72) Anthracene	17.750	178	556529	41.931	ng	97
73) Carbazole	18.020	167	537613	40.641	ng	99
74) Di-n-butylphthalate	18.555	149	697155	44.908	ng	# 97
75) Fluoranthene	19.659	202	713082	43.432	ng	95
77) Benzidine	19.830	184	357156	45.385	ng	97
78) Pyrene	20.018	202	710316	41.233	ng	97
80) Butylbenzylphthalate	20.887	149	315681	43.323	ng	97
81) Benzo(a)anthracene	21.898	228	659615	41.057	ng	99
82) 3,3'-Dichlorobenzidine	21.804	252	191136	35.898	ng	# 98
83) Chrysene	21.968	228	629808	41.675	ng	97
84) Bis(2-ethylhexyl)phtha...	21.769	149	452394	43.696	ng	# 96
85) Di-n-octyl phthalate	23.044	149	764970	44.299	ng	96
87) Indeno(1,2,3-cd)pyrene	29.260	276	708123	42.755	ng	# 88
88) Benzo(b)fluoranthene	24.242	252	665202	45.678	ng	# 92
89) Benzo(k)fluoranthene	24.313	252	622803	43.471	ng	# 96
90) Benzo(a)pyrene	25.171	252	634091	51.211	ng	# 93
91) Dibenzo(a,h)anthracene	29.330	278	596845	43.568	ng	# 93
92) Benzo(g,h,i)perylene	30.494	276	591976	44.122	ng	# 92

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

