

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053902.D
 Acq On : 14 Jun 2022 15:30
 Operator : CG/JU
 Sample : N3327-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW-WMR-COMP-2MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/15/2022
 Supervised By : Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 03:59:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.083	152	23445	20.000	ng	0.00
21) Naphthalene-d8	10.897	136	93384	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	72175	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	184990	20.000	ng	# 0.00
76) Chrysene-d12	21.732	240	201359	20.000	ng	0.00
86) Perylene-d12	24.992	264	216568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	134899	110.009	ng	0.00
7) Phenol-d6	7.243	99	181862	109.324	ng	0.00
23) Nitrobenzene-d5	9.246	82	112189	67.513	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	113776	98.115	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	311406	62.740	ng	0.00
79) Terphenyl-d14	20.057	244	649398	64.956	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	23623	44.069	ng	# 90
3) Pyridine	3.935	79	58553	40.933	ng	91
4) n-Nitrosodimethylamine	3.853	42	32808	52.141	ng	98
6) Aniline	7.407	93	89405	45.331	ng	96
8) 2-Chlorophenol	7.648	128	72618	55.462	ng	93
9) Benzaldehyde	7.219	77	41407	42.175	ng	81
10) Phenol	7.266	94	91909	54.517	ng	94
11) bis(2-Chloroethyl)ether	7.495	93	65026	50.252	ng	94
12) 1,3-Dichlorobenzene	7.977	146	79809	48.645	ng	91
13) 1,4-Dichlorobenzene	8.124	146	81092	49.205	ng	98
14) 1,2-Dichlorobenzene	8.441	146	78049	49.333	ng	98
15) Benzyl Alcohol	8.318	79	67050	53.929	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.612	45	96930	50.109	ng	98
17) 2-Methylphenol	8.524	107	61498	52.511	ng	92
18) Hexachloroethane	9.176	117	27031	49.442	ng	# 75
19) n-Nitroso-di-n-propyla...	8.888	70	54398	48.674	ng	93
20) 3+4-Methylphenols	8.847	107	86630	52.746	ng	93
22) Acetophenone	8.905	105	108156	47.648	ng	# 95
24) Nitrobenzene	9.287	77	79115	48.347	ng	# 88
25) Isophorone	9.810	82	153090	49.328	ng	# 95
26) 2-Nitrophenol	9.998	139	37994	52.567	ng	# 81
27) 2,4-Dimethylphenol	10.057	122	71008	60.698	ng	88
28) bis(2-Chloroethoxy)met...	10.292	93	89572	53.575	ng	98
29) 2,4-Dichlorophenol	10.539	162	84421	53.823	ng	92
30) 1,2,4-Trichlorobenzene	10.756	180	91635	47.182	ng	# 95
31) Naphthalene	10.944	128	216816	45.992	ng	99
32) Benzoic acid	10.222	122	21785m	43.979	ng	
33) 4-Chloroaniline	11.044	127	53965	27.593	ng	93
34) Hexachlorobutadiene	11.238	225	66924	44.820	ng	97
35) Caprolactam	11.814	113	24018m	55.623	ng	
36) 4-Chloro-3-methylphenol	12.160	107	80991	53.118	ng	# 86
37) 2-Methylnaphthalene	12.542	142	162565	46.608	ng	96
38) 1-Methylnaphthalene	12.766	142	156239	46.004	ng	99
40) 1,2,4,5-Tetrachloroben...	12.913	216	124723	44.847	ng	96
41) Hexachlorocyclopentadiene	12.895	237	155438	120.031	ng	98
43) 2,4,6-Trichlorophenol	13.142	196	76845	49.190	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.218	196	84132	48.233	ng	# 91
46) 1,1'-Biphenyl	13.547	154	237623	47.265	ng	98
47) 2-Chloronaphthalene	13.588	162	188624	46.360	ng	96
48) 2-Nitroaniline	13.782	65	53756	49.668	ng	88
49) Acenaphthylene	14.434	152	307536	48.609	ng	99
50) Dimethylphthalate	14.158	163	256635	46.688	ng	99
51) 2,6-Dinitrotoluene	14.276	165	56701	51.056	ng	# 75
52) Acenaphthene	14.775	154	206606	51.231	ng	99
53) 3-Nitroaniline	14.605	138	37055	34.440	ng	85
54) 2,4-Dinitrophenol	14.810	184	58960	94.786	ng	# 77
55) Dibenzofuran	15.104	168	300899	46.309	ng	96
56) 4-Nitrophenol	14.910	139	84247	110.289	ng	# 82
57) 2,4-Dinitrotoluene	15.063	165	80722	51.466	ng	# 83
58) Fluorene	15.756	166	242794	45.511	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.327	232	81036	47.506	ng	# 88
60) Diethylphthalate	15.521	149	248171	46.621	ng	97
61) 4-Chlorophenyl-phenyle...	15.744	204	151529	47.444	ng	90
62) 4-Nitroaniline	15.768	138	51867	46.225	ng	# 75
63) Azobenzene	16.038	77	201358	46.993	ng	91
65) 4,6-Dinitro-2-methylph...	15.827	198	45578	49.385	ng	79
66) n-Nitrosodiphenylamine	15.956	169	228265	47.346	ng	96
67) 4-Bromophenyl-phenylether	16.638	248	109341	47.325	ng	94
68) Hexachlorobenzene	16.761	284	119965	45.392	ng	# 93
69) Atrazine	16.902	200	102232	51.188	ng	94
70) Pentachlorophenol	17.102	266	127465	103.827	ng	95
71) Phenanthrene	17.495	178	435106	45.780	ng	98
72) Anthracene	17.584	178	437717	47.162	ng	99
73) Carbazole	17.848	167	384732	48.294	ng	99
74) Di-n-butylphthalate	18.412	149	439657	47.732	ng	# 97
75) Fluoranthene	19.499	202	569971	45.683	ng	97
77) Benzidine	19.675	184	308897	74.077	ng	97
78) Pyrene	19.863	202	570923	46.945	ng	98
80) Butylbenzylphthalate	20.744	149	194604	49.922	ng	88
81) Benzo(a)anthracene	21.708	228	609891	46.779	ng	98
82) 3,3'-Dichlorobenzidine	21.620	252	129402	33.221	ng	98
83) Chrysene	21.779	228	557864	44.889	ng	97
84) Bis(2-ethylhexyl)phtha...	21.620	149	279591	50.149	ng	# 95
85) Di-n-octyl phthalate	22.848	149	486578	50.778	ng	95
87) Indeno(1,2,3-cd)pyrene	28.729	276	742217	45.414	ng	# 98
88) Benzo(b)fluoranthene	23.958	252	649013	49.288	ng	99
89) Benzo(k)fluoranthene	24.029	252	611108	46.873	ng	99
90) Benzo(a)pyrene	24.846	252	616479	55.488	ng	99
91) Dibenzo(a,h)anthracene	28.800	278	635868	47.050	ng	98
92) Benzo(g,h,i)perylene	29.898	276	634940	47.607	ng	97

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

