

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021722\
 Data File : BG052417.D
 Acq On : 17 Feb 2022 13:08
 Operator : CG/JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 17 13:47:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 17 11:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	27216	20.000	ng	0.02
21) Naphthalene-d8	11.072	136	113731	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	85629	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	211257	20.000	ng	0.00
76) Chrysene-d12	21.934	240	223552	20.000	ng	0.00
86) Perylene-d12	25.405	264	223719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	170294	109.053	ng	0.02
7) Phenol-d6	7.383	99	249331	103.482	ng	0.01
23) Nitrobenzene-d5	9.409	82	184179	70.382	ng	0.01
42) 2,4,6-Tribromophenol	16.365	330	132262	107.513	ng	0.00
45) 2-Fluorobiphenyl	13.504	172	444931	72.201	ng	0.01
79) Terphenyl-d14	20.218	244	893304	70.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	5677	7.895	ng	88
3) Pyridine	4.011	79	22948	11.004	ng	# 86
4) n-Nitrosodimethylamine	3.911	42	10639	9.880	ng	# 77
6) Aniline	7.547	93	35626	12.727	ng	95
8) 2-Chlorophenol	7.800	128	20388	11.868	ng	94
9) Benzaldehyde	7.359	77	16746	11.322	ng	94
10) Phenol	7.412	94	28082	11.730	ng	92
11) bis(2-Chloroethyl)ether	7.641	93	21361	11.674	ng	95
12) 1,3-Dichlorobenzene	8.129	146	22448	11.469	ng	94
13) 1,4-Dichlorobenzene	8.276	146	23758	11.907	ng	98
14) 1,2-Dichlorobenzene	8.599	146	23099	11.738	ng	97
15) Benzyl Alcohol	8.469	79	22490	11.247	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.769	45	29614	11.207	ng	94
17) 2-Methylphenol	8.681	107	18422	11.662	ng	# 93
18) Hexachloroethane	9.339	117	8240	11.877	ng	91
19) n-Nitroso-di-n-propyla...	9.039	70	21250	11.699	ng	# 91
20) 3+4-Methylphenols	9.010	107	25199	11.150	ng	94
22) Acetophenone	9.063	105	23898	7.951	ng	# 99
24) Nitrobenzene	9.450	77	29998	12.085	ng	# 89
25) Isophorone	9.973	82	58899	13.228	ng	99
26) 2-Nitrophenol	10.173	139	12429	11.813	ng	88
27) 2,4-Dimethylphenol	10.226	122	22215	14.261	ng	90
28) bis(2-Chloroethoxy)met...	10.455	93	30703	12.150	ng	98
29) 2,4-Dichlorophenol	10.719	162	21578	11.556	ng	95
30) 1,2,4-Trichlorobenzene	10.937	180	26247	12.038	ng	98
31) Naphthalene	11.125	128	74588	12.510	ng	# 93
32) Benzoic acid	10.343	122	10917m	11.932	ng	
33) 4-Chloroaniline	11.230	127	31277	12.565	ng	97
34) Hexachlorobutadiene	11.412	225	17161	11.654	ng	96
35) Caprolactam	11.971	113	5646	8.297	ng	# 79
36) 4-Chloro-3-methylphenol	12.335	107	26573	12.509	ng	90
37) 2-Methylnaphthalene	12.717	142	55054	12.432	ng	100
38) 1-Methylnaphthalene	12.934	142	54296	12.653	ng	# 92
40) 1,2,4,5-Tetrachloroben...	13.087	216	22236	7.895	ng	97
41) Hexachlorocyclopentadiene	13.063	237	13074	10.994	ng	98
43) 2,4,6-Trichlorophenol	13.316	196	20721	11.249	ng	95

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44) 2,4,5-Trichlorophenol	13.392	196	23622	11.834	ng	93
46) 1,1'-Biphenyl	13.709	154	52105	8.298	ng	99
47) 2-Chloronaphthalene	13.756	162	60768	12.562	ng	97
48) 2-Nitroaniline	13.950	65	20119	11.682	ng	93
49) Acenaphthylene	14.602	152	105255	13.366	ng	96
50) Dimethylphthalate	14.314	163	78877	12.025	ng	99
51) 2,6-Dinitrotoluene	14.438	165	18186	12.848	ng	# 87
52) Acenaphthene	14.937	154	63915m	12.393	ng	
53) 3-Nitroaniline	14.767	138	18022	12.249	ng	96
54) 2,4-Dinitrophenol	14.984	184	8284	10.793	ng	# 83
55) Dibenzofuran	15.272	168	98897	12.194	ng	99
56) 4-Nitrophenol	15.078	139	16071	14.545	ng	# 77
57) 2,4-Dinitrotoluene	15.225	165	25311	12.563	ng	# 86
58) Fluorene	15.918	166	84340	13.026	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.501	232	19804	10.385	ng	# 95
60) Diethylphthalate	15.671	149	82871	12.506	ng	98
61) 4-Chlorophenyl-phenyle...	15.901	204	45628	12.371	ng	96
62) 4-Nitroaniline	15.930	138	19521	12.603	ng	86
63) Azobenzene	16.200	77	82683	12.189	ng	92
65) 4,6-Dinitro-2-methylph...	15.995	198	12304	9.682	ng	89
66) n-Nitrosodiphenylamine	16.118	169	73025	12.546	ng	97
67) 4-Bromophenyl-phenylether	16.799	248	30585	11.905	ng	99
68) Hexachlorobenzene	16.934	284	35244	12.648	ng	# 87
69) Atrazine	17.052	200	19371	8.232	ng	87
70) Pentachlorophenol	17.275	266	14911m	10.938	ng	
71) Phenanthrene	17.663	178	140431	12.895	ng	96
72) Anthracene	17.757	178	141111	13.223	ng	99
73) Carbazole	18.021	167	132157	12.697	ng	98
74) Di-n-butylphthalate	18.562	149	147513	13.008	ng	98
75) Fluoranthene	19.666	202	186476	13.447	ng	99
77) Benzidine	19.836	184	48876	10.232	ng	99
78) Pyrene	20.030	202	187476	12.533	ng	98
80) Butylbenzylphthalate	20.894	149	63299	12.182	ng	94
81) Benzo(a)anthracene	21.916	228	187988	12.708	ng	98
82) 3,3'-Dichlorobenzidine	21.816	252	43249	8.374	ng	# 92
83) Chrysene	21.986	228	169776	12.111	ng	98
84) Bis(2-ethylhexyl)phtha...	21.793	149	89466	12.417	ng	98
85) Di-n-octyl phthalate	23.085	149	150718	12.477	ng	95
87) Indeno(1,2,3-cd)pyrene	29.400	276	194703	11.893	ng	# 98
88) Benzo(b)fluoranthene	24.295	252	187177	13.426	ng	99
89) Benzo(k)fluoranthene	24.366	252	182674	13.264	ng	97
90) Benzo(a)pyrene	25.241	252	175722	14.921	ng	# 97
91) Dibenzo(a,h)anthracene	29.470	278	171260	12.663	ng	95
92) Benzo(g,h,i)perylene	30.651	276	168214	12.674	ng	99

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

