

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132159.D
 Acq On : 20 Jan 2023 13:37
 Operator : CG\JU
 Sample : N3980-08
 Misc : LOQ-WATER-5ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Jan 21 02:32:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 02:30:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.089	152	184599	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	634502	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	349966	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	690354	20.000	ng	0.00
76) Chrysene-d12	14.301	240	514471	20.000	ng	# 0.00
86) Perylene-d12	15.901	264	387637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1068696	101.132	ng	0.00
7) Phenol-d6	6.701	99	1386286	104.214	ng	0.00
23) Nitrobenzene-d5	7.654	82	888385	74.379	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	435210	116.423	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1502314	62.727	ng	0.00
79) Terphenyl-d14	13.236	244	1818489	59.210	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	27403	5.119	ng	96
3) Pyridine	3.819	79	66629	4.636	ng	97
4) n-Nitrosodimethylamine	3.725	42	33309	4.928	ng	92
6) Aniline	6.754	93	101858	5.528	ng	96
8) 2-Chlorophenol	6.872	128	66984	6.030	ng	95
9) Benzaldehyde	6.642	77	54828	6.407	ng	99
10) Phenol	6.713	94	78515	5.670	ng	97
11) bis(2-Chloroethyl)ether	6.819	93	67227	5.735	ng	98
12) 1,3-Dichlorobenzene	7.031	146	75403	6.073	ng	94
13) 1,4-Dichlorobenzene	7.107	146	77782	6.278	ng	97
14) 1,2-Dichlorobenzene	7.260	146	72457	6.325	ng	98
15) Benzyl Alcohol	7.219	79	47784	4.696	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.354	45	100517	5.899	ng	98
17) 2-Methylphenol	7.319	107	52187	5.363	ng	96
18) Hexachloroethane	7.607	117	26879	6.044	ng	91
19) n-Nitroso-di-n-propyla...	7.484	70	47828	5.870	ng	98
20) 3+4-Methylphenols	7.472	107	67975	5.544	ng	94
22) Acetophenone	7.489	105	91180	5.979	ng	98
24) Nitrobenzene	7.666	77	74048	5.855	ng	98
25) Isophorone	7.901	82	132365	5.664	ng	99
26) 2-Nitrophenol	7.984	139	26292	6.536	ng	98
27) 2,4-Dimethylphenol	8.007	122	46897	4.638	ng	96
28) bis(2-Chloroethoxy)met...	8.107	93	84211	6.006	ng	99
29) 2,4-Dichlorophenol	8.219	162	56638	5.900	ng	98
30) 1,2,4-Trichlorobenzene	8.313	180	65396	5.997	ng	98
31) Naphthalene	8.395	128	199111	6.110	ng	99
32) Benzoic acid	8.048	122	17791	3.004	ng	# 85
33) 4-Chloroaniline	8.436	127	80718	5.788	ng	97
34) Hexachlorobutadiene	8.513	225	43371	5.921	ng	99
35) Caprolactam	8.760	113	13658	5.017	ng	96
36) 4-Chloro-3-methylphenol	8.901	107	53720	5.560	ng	97
37) 2-Methylnaphthalene	9.089	142	134108	5.977	ng	99
38) 1-Methylnaphthalene	9.189	142	126003	6.036	ng	97
40) 1,2,4,5-Tetrachloroben...	9.254	216	66681	5.476	ng	97
41) Hexachlorocyclopentadiene	9.242	237	29030	4.369	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	37881	5.013	ng	99

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44) 2,4,5-Trichlorophenol	9.395	196	45453	5.143	ng	97
46) 1,1'-Biphenyl	9.554	154	160689	5.820	ng	99
47) 2-Chloronaphthalene	9.583	162	131047	6.140	ng	97
48) 2-Nitroaniline	9.672	65	31987	5.205	ng	94
49) Acenaphthylene	10.001	152	195610	5.729	ng	99
50) Dimethylphthalate	9.842	163	145388	5.736	ng	99
51) 2,6-Dinitrotoluene	9.907	165	28113	5.722	ng	93
52) Acenaphthene	10.172	154	121064	5.895	ng	99
53) 3-Nitroaniline	10.077	138	29731	5.660	ng	99
54) 2,4-Dinitrophenol	10.183	184	7501	3.960	ng	# 1
55) Dibenzofuran	10.348	168	191594	6.037	ng	96
56) 4-Nitrophenol	10.219	139	20038	5.242	ng	92
57) 2,4-Dinitrotoluene	10.313	165	32695	5.544	ng	90
58) Fluorene	10.689	166	150177	6.386	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.454	232	37063	5.513	ng	99
60) Diethylphthalate	10.548	149	143312	5.766	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	75546	5.999	ng	93
62) 4-Nitroaniline	10.689	138	27162	5.554	ng	94
63) Azobenzene	10.842	77	141266	5.663	ng	96
65) 4,6-Dinitro-2-methylph...	10.719	198	11882	3.970	ng	93
66) n-Nitrosodiphenylamine	10.795	169	124944	5.651	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	46076	5.476	ng	# 91
68) Hexachlorobenzene	11.242	284	50482	6.036	ng	98
69) Atrazine	11.319	200	37582	5.509	ng	99
70) Pentachlorophenol	11.430	266	23098	4.298	ng	98
71) Phenanthrene	11.666	178	221612	6.117	ng	99
72) Anthracene	11.713	178	217821	5.943	ng	98
73) Carbazole	11.866	167	195905	6.258	ng	97
74) Di-n-butylphthalate	12.189	149	205477	5.896	ng	99
75) Fluoranthene	12.866	202	236310	6.350	ng	98
77) Benzidine	12.977	184	78846	5.104	ng	98
78) Pyrene	13.095	202	248706	5.245	ng	98
80) Butylbenzylphthalate	13.707	149	66362	4.830	ng	100
81) Benzo(a)anthracene	14.295	228	201074	5.471	ng	99
82) 3,3'-Dichlorobenzidine	14.248	252	46374	4.531	ng	98
83) Chrysene	14.330	228	194489	5.559	ng	98
84) Bis(2-ethylhexyl)phtha...	14.265	149	86544	4.770	ng	99
85) Di-n-octyl phthalate	14.907	149	93624	8.694	ng	99
87) Indeno(1,2,3-cd)pyrene	17.553	276	111752	3.973	ng	98
88) Benzo(b)fluoranthene	15.418	252	136759	5.794	ng	98
89) Benzo(k)fluoranthene	15.448	252	144582m	6.007	ng	
90) Benzo(a)pyrene	15.830	252	108171	4.764	ng	98
91) Dibenzo(a,h)anthracene	17.577	278	97906	4.268	ng	97
92) Benzo(g,h,i)perylene	18.059	276	101632	4.210	ng	99

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

