

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013123\
 Data File : BF132248.D
 Acq On : 01 Feb 2023 01:00
 Operator : CG\JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Quant Time: Feb 01 06:00:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 05:24:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
 Supervised By :Jagrut Upadhyay 02/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.072	152	188863	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	695804	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	348689	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	637303	20.000	ng	0.00
76) Chrysene-d12	14.283	240	461409	20.000	ng	0.00
86) Perylene-d12	15.865	264	438952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1191282	101.389	ng	0.00
7) Phenol-d6	6.684	99	1462929	100.992	ng	0.00
23) Nitrobenzene-d5	7.631	82	877345	70.166	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	402641	112.288	ng	0.00
45) 2-Fluorobiphenyl	9.430	172	1497938	66.340	ng	0.00
79) Terphenyl-d14	13.213	244	1575853	66.066	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.960	88	43377	7.846	ng	98
3) Pyridine	3.760	79	100249	6.684	ng	97
4) n-Nitrosodimethylamine	3.678	42	34823	7.256	ng	# 92
6) Aniline	6.731	93	154087	7.839	ng	98
8) 2-Chlorophenol	6.854	128	103702	8.522	ng	96
9) Benzaldehyde	6.619	77	84827	8.095	ng	95
10) Phenol	6.695	94	121996	8.137	ng	95
11) bis(2-Chloroethyl)ether	6.795	93	102087	8.273	ng	98
12) 1,3-Dichlorobenzene	7.007	146	113982	8.856	ng	99
13) 1,4-Dichlorobenzene	7.084	146	114458	8.909	ng	99
14) 1,2-Dichlorobenzene	7.242	146	107745	8.993	ng	98
15) Benzyl Alcohol	7.195	79	93649m	8.860	ng	
16) 2,2'-oxybis(1-Chloropr...	7.336	45	110059	8.466	ng	99
17) 2-Methylphenol	7.301	107	84188	7.903	ng	98
18) Hexachloroethane	7.584	117	42056	8.726	ng	93
19) n-Nitroso-di-n-propyla...	7.466	70	69886	8.494	ng	99
20) 3+4-Methylphenols	7.454	107	109203	8.032	ng	98
22) Acetophenone	7.472	105	147883	9.037	ng	# 97
24) Nitrobenzene	7.648	77	106612	8.346	ng	100
25) Isophorone	7.878	82	191233	8.058	ng	97
26) 2-Nitrophenol	7.966	139	50494	8.115	ng	91
27) 2,4-Dimethylphenol	7.989	122	85009	7.805	ng	96
28) bis(2-Chloroethoxy)met...	8.089	93	124507	8.537	ng	98
29) 2,4-Dichlorophenol	8.201	162	80436	8.319	ng	97
30) 1,2,4-Trichlorobenzene	8.295	180	91567	8.843	ng	96
31) Naphthalene	8.378	128	302088	8.820	ng	100
32) Benzoic acid	8.036	122	44338m	5.500	ng	
33) 4-Chloroaniline	8.419	127	126644	8.339	ng	97
34) Hexachlorobutadiene	8.489	225	50733	8.716	ng	97
35) Caprolactam	8.748	113	26326	7.986	ng	94
36) 4-Chloro-3-methylphenol	8.883	107	86006	8.256	ng	99
37) 2-Methylnaphthalene	9.072	142	199009	8.578	ng	99
38) 1-Methylnaphthalene	9.172	142	188763	8.756	ng	98
40) 1,2,4,5-Tetrachloroben...	9.236	216	86793	8.845	ng	98
41) Hexachlorocyclopentadiene	9.225	237	48526	8.476	ng	96
43) 2,4,6-Trichlorophenol	9.342	196	56944	8.118	ng	97

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44) 2,4,5-Trichlorophenol	9.378	196	61106	7.569	ng	98
46) 1,1'-Biphenyl	9.536	154	247985	9.225	ng	97
47) 2-Chloronaphthalene	9.560	162	185176	9.044	ng	99
48) 2-Nitroaniline	9.648	65	46962	7.712	ng	99
49) Acenaphthylene	9.977	152	288222	8.625	ng	99
50) Dimethylphthalate	9.825	163	206555	8.468	ng	100
51) 2,6-Dinitrotoluene	9.889	165	43994	8.076	ng	91
52) Acenaphthene	10.154	154	181299m	8.666	ng	
53) 3-Nitroaniline	10.060	138	51753	7.834	ng	95
54) 2,4-Dinitrophenol	10.160	184	15793	9.059	ng	# 1
55) Dibenzofuran	10.325	168	258584	8.797	ng	94
56) 4-Nitrophenol	10.201	139	37349	7.513	ng	97
57) 2,4-Dinitrotoluene	10.289	165	56712	8.014	ng	97
58) Fluorene	10.672	166	205863	9.100	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	46888	7.967	ng	98
60) Diethylphthalate	10.530	149	205259	8.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.660	204	94454	8.798	ng	97
62) 4-Nitroaniline	10.672	138	48770	7.699	ng	98
63) Azobenzene	10.819	77	195535	8.273	ng	98
65) 4,6-Dinitro-2-methylph...	10.701	198	23727	6.560	ng	95
66) n-Nitrosodiphenylamine	10.777	169	174679	8.753	ng	99
67) 4-Bromophenyl-phenylether	11.154	248	55342	8.480	ng	97
68) Hexachlorobenzene	11.219	284	62363	8.941	ng	98
69) Atrazine	11.295	200	52749	9.190	ng	99
70) Pentachlorophenol	11.413	266	30240	6.310	ng	98
71) Phenanthrene	11.642	178	298978	8.978	ng	97
72) Anthracene	11.695	178	301522	8.897	ng	98
73) Carbazole	11.842	167	267908	8.816	ng	99
74) Di-n-butylphthalate	12.171	149	305513	8.504	ng	# 97
75) Fluoranthene	12.842	202	293520	8.637	ng	98
77) Benzidine	12.960	184	150437	9.326	ng	98
78) Pyrene	13.071	202	305595	8.235	ng	98
80) Butylbenzylphthalate	13.683	149	116494	7.105	ng	99
81) Benzo(a)anthracene	14.271	228	265517	8.228	ng	99
82) 3,3'-Dichlorobenzidine	14.224	252	92499	8.999	ng	97
83) Chrysene	14.307	228	246092	8.144	ng	99
84) Bis(2-ethylhexyl)phtha...	14.242	149	169285	7.638	ng	99
85) Di-n-octyl phthalate	14.877	149	266290	7.367	ng	99
87) Indeno(1,2,3-cd)pyrene	17.506	276	203863	6.990	ng	99
88) Benzo(b)fluoranthene	15.383	252	233657	8.374	ng	99
89) Benzo(k)fluoranthene	15.418	252	234412	8.802	ng	98
90) Benzo(a)pyrene	15.795	252	196972	7.581	ng	99
91) Dibenzo(a,h)anthracene	17.530	278	178168	7.598	ng	100
92) Benzo(g,h,i)perylene	18.006	276	175716	7.253	ng	98

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

