

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038489.D
 Acq On : 19 Jan 2023 14:34
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 02:47:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	48448	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	170104	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	102420	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	230946	20.000	ng	0.00
76) Chrysene-d12	21.521	240	237650	20.000	ng	0.00
86) Perylene-d12	23.939	264	286527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	363648	114.495	ng	0.00
7) Phenol-d6	7.134	99	452501	111.220	ng	0.00
23) Nitrobenzene-d5	9.145	82	319563	76.545	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	175867	101.575	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	573426	69.823	ng	0.00
79) Terphenyl-d14	19.962	244	958837	75.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	12020	8.281	ng	98
3) Pyridine	3.805	79	25824m	6.150	ng	
4) n-Nitrosodimethylamine	3.710	42	20442	8.229	ng	98
6) Aniline	7.298	93	35989	7.003	ng	98
8) 2-Chlorophenol	7.534	128	23936	7.612	ng	94
9) Benzaldehyde	7.116	77	27917	10.261	ng	95
10) Phenol	7.163	94	33279	7.849	ng	89
11) bis(2-Chloroethyl)ether	7.398	93	26030	7.576	ng	95
12) 1,3-Dichlorobenzene	7.857	146	25274	7.503	ng	97
13) 1,4-Dichlorobenzene	8.010	146	26268	7.751	ng	95
14) 1,2-Dichlorobenzene	8.322	146	25417	7.670	ng	94
15) Benzyl Alcohol	8.222	79	23864	7.323	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.498	45	40409	8.436	ng	97
17) 2-Methylphenol	8.422	107	19714	6.884	ng	96
18) Hexachloroethane	9.051	117	11091	7.990	ng	93
19) n-Nitroso-di-n-propyla...	8.781	70	22202	7.518	ng	97
20) 3+4-Methylphenols	8.745	107	25493	6.631	ng	92
22) Acetophenone	8.804	105	39067	7.770	ng	92
24) Nitrobenzene	9.187	77	36588	8.295	ng	92
25) Isophorone	9.710	82	53162	7.189	ng	100
26) 2-Nitrophenol	9.898	139	10368	6.695	ng	93
27) 2,4-Dimethylphenol	9.957	122	16170	6.132	ng	92
28) bis(2-Chloroethoxy)met...	10.192	93	30369	7.302	ng	95
29) 2,4-Dichlorophenol	10.434	162	19231	6.601	ng	91
30) 1,2,4-Trichlorobenzene	10.645	180	24254	7.200	ng	99
31) Naphthalene	10.833	128	65085	7.220	ng	98
32) Benzoic acid	10.039	122	9394m	8.933	ng	
33) 4-Chloroaniline	10.951	127	24958	6.307	ng	97
34) Hexachlorobutadiene	11.104	225	16320	6.908	ng	93
35) Caprolactam	11.728	113	4553	5.530	ng	# 91
36) 4-Chloro-3-methylphenol	12.069	107	21035	6.622	ng	95
37) 2-Methylnaphthalene	12.439	142	41976	6.368	ng	96
38) 1-Methylnaphthalene	12.657	142	38878m	6.282	ng	
40) 1,2,4,5-Tetrachloroben...	12.804	216	26956	7.032	ng	99
41) Hexachlorocyclopentadiene	12.775	237	13728	6.298	ng	95
43) 2,4,6-Trichlorophenol	13.045	196	16099m	6.644	ng	

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44) 2,4,5-Trichlorophenol	13.122	196	17685	6.190	ng	97
46) 1,1'-Biphenyl	13.445	154	57165	7.194	ng	97
47) 2-Chloronaphthalene	13.486	162	45877	7.335	ng	93
48) 2-Nitroaniline	13.698	65	15244	8.152	ng	92
49) Acenaphthylene	14.333	152	65632	6.656	ng	97
50) Dimethylphthalate	14.063	163	54935	6.618	ng	98
51) 2,6-Dinitrotoluene	14.192	165	10426	6.174	ng	90
52) Acenaphthene	14.669	154	40666	6.787	ng	96
53) 3-Nitroaniline	14.521	138	9558	7.508	ng	95
54) 2,4-Dinitrophenol	14.733	184	5759	9.386	ng	97
55) Dibenzofuran	15.004	168	67762	6.642	ng	97
56) 4-Nitrophenol	14.827	139	7700	8.676	ng	# 80
57) 2,4-Dinitrotoluene	14.980	165	13905	5.924	ng	# 94
58) Fluorene	15.651	166	53370	6.261	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.227	232	15477	6.110	ng	98
60) Diethylphthalate	15.416	149	54439	6.393	ng	96
61) 4-Chlorophenyl-phenyle...	15.645	204	28521	6.096	ng	98
62) 4-Nitroaniline	15.680	138	9180	7.297	ng	94
63) Azobenzene	15.933	77	66957	7.146	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	7902	5.042	ng	85
66) n-Nitrosodiphenylamine	15.857	169	45421	6.703	ng	97
67) 4-Bromophenyl-phenylether	16.533	248	16399	6.139	ng	98
68) Hexachlorobenzene	16.651	284	19993	6.683	ng	94
69) Atrazine	16.804	200	16788	7.006	ng	100
70) Pentachlorophenol	16.998	266	11062	5.065	ng	98
71) Phenanthrene	17.392	178	85683	6.706	ng	98
72) Anthracene	17.480	178	84294	6.419	ng	98
73) Carbazole	17.757	167	74249	6.466	ng	98
74) Di-n-butylphthalate	18.304	149	83825	6.146	ng	100
75) Fluoranthene	19.398	202	98442	6.129	ng	99
77) Benzidine	19.592	184	41877	8.042	ng	97
78) Pyrene	19.762	202	107481	6.796	ng	99
80) Butylbenzylphthalate	20.651	149	35295	6.105	ng	90
81) Benzo(a)anthracene	21.503	228	116004	6.787	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	40261	7.315	ng	98
83) Chrysene	21.556	228	115456	6.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	52063	6.265	ng	# 93
85) Di-n-octyl phthalate	22.345	149	91124	6.232	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.444	276	141751	6.685	ng	97
88) Benzo(b)fluoranthene	23.197	252	123140	6.931	ng	# 98
89) Benzo(k)fluoranthene	23.244	252	124079	6.753	ng	97
90) Benzo(a)pyrene	23.827	252	110294	6.326	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	126718	7.121	ng	98
92) Benzo(g,h,i)perylene	27.227	276	128756	7.293	ng	97

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

