

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021598.D
 Acq On : 06 Sep 2022 13:02
 Operator : CG/JU
 Sample : N3670-01
 Misc : MDL-WATER-4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Sep 06 14:19:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	251245	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	1145576	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	732129	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1487395	20.000	ng/u1	0.00
79) Chrysene-d12	21.657	240	1329165	20.000	ng/u1	# 0.00
88) Perylene-d12	24.174	264	1250145	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	26916	4.022	ng/uL	0.00
4) Pyridine-d5	3.793	84	364051	19.961	ng/u1	0.00
7) Phenol-d5	7.210	99	464314	20.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	303321	21.990	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	371427	22.404	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	380977	21.308	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	190514	24.409	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	197336	28.307	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	356104	23.065	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	549466	20.956	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1137678	22.735	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1402752	24.045	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	199509	20.035	ng/u1	0.00
60) Fluorene-d10	15.710	176	945900	21.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	151075	25.394	ng/u1	0.00
73) Anthracene-d10	17.569	188	1416403	21.609	ng/u1	0.00
81) Pyrene-d10	19.863	212	1576776	24.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.010	264	1320458	22.284	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	7536	1.093	ng/uL	95
5) Pyridine	3.817	79	83927	4.573	ng/u1	88
6) Benzaldehyde	7.193	77	60094	6.070	ng/u1	94
8) Phenol	7.240	94	103621	4.401	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.481	93	87311	4.650	ng/u1	97
12) 2-Chlorophenol	7.622	128	80824	4.544	ng/u1	96
13) 2-Methylphenol	8.510	108	76065	4.252	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	114735	4.845	ng/u1	97
16) Acetophenone	8.899	105	129516	4.580	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.881	70	64585	4.587	ng/u1	95
18) 4-Methylphenol	8.840	108	87050	4.429	ng/u1	95
19) Hexachloroethane	9.157	117	32305	4.557	ng/u1	91
22) Nitrobenzene	9.281	77	95699	4.976	ng/u1	98
23) Isophorone	9.804	82	177245	4.475	ng/u1	99
25) 2-Nitrophenol	9.999	139	45843	5.614	ng/u1	92
26) 2,4-Dimethylphenol	10.057	107	93987	4.648	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.299	93	123153	4.965	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	76582	4.734	ng/u1	99
30) Naphthalene	10.946	128	279830	4.691	ng/u1	99
32) 4-Chloroaniline	11.057	127	121425	4.469	ng/u1	98
33) Hexachlorobutadiene	11.228	225	44024	4.724	ng/u1	99
34) Caprolactam	11.840	113	29809	4.817	ng/u1	93
35) 4-Chloro-3-methylphenol	12.175	107	84128	4.615	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	193288	4.790	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	198884	4.904	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.916	216	91051	4.850	ng/ul	94
40) Hexachlorocyclopentadiene	12.893	237	52320	4.681	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	55014	4.723	ng/ul	97
42) 2,4,5-Trichlorophenol	13.228	196	61547	4.816	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	263627	4.927	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	195220	4.766	ng/ul	97
45) 2-Nitroaniline	13.804	65	48186	4.690	ng/ul	93
47) Dimethylphthalate	14.169	163	244132	4.770	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	40131	4.570	ng/ul	97
50) Acenaphthylene	14.445	152	325571	4.834	ng/ul	99
51) 3-Nitroaniline	14.628	138	43900	4.487	ng/ul	98
52) Acenaphthene	14.787	153	208522	4.792	ng/ul	98
53) 2,4-Dinitrophenol	14.828	184	18916	4.400	ng/ul	94
55) 4-Nitrophenol	14.922	109	33554	4.204	ng/ul	81
56) Dibenzofuran	15.116	168	301965	4.830	ng/ul	96
57) 2,4-Dinitrotoluene	15.081	165	59238	4.645	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.339	232	47471	4.839	ng/ul	94
59) Diethylphthalate	15.534	149	240986	4.669	ng/ul	96
61) Fluorene	15.769	166	237293	4.812	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	108968	4.794	ng/ul	95
63) 4-Nitroaniline	15.786	138	43680	4.449	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.839	198	36933	5.860	ng/ul#	87
67) N-Nitrosodiphenylamine	15.975	169	200247	4.803	ng/ul	97
68) 4-Bromophenyl-phenylether	16.651	248	63995	4.838	ng/ul	98
69) Hexachlorobenzene	16.769	284	74865	4.754	ng/ul#	92
70) Atrazine	16.922	200	67116	4.550	ng/ul	97
71) Pentachlorophenol	17.116	266	42395	4.836	ng/ul	94
72) Phenanthrene	17.510	178	376537	4.793	ng/ul	99
74) Anthracene	17.604	178	374851	4.792	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.522	216	93775	4.953	ng/uL	95
76) Pentachlorobenzene	15.034	250	99398	5.512	ng/uL	96
77) Carbazole	17.875	167	331419	4.483	ng/ul	97
78) Di-n-butylphthalate	18.433	149	381314	4.575	ng/ul	99
80) Fluoranthene	19.527	202	417185	5.472	ng/ul	95
82) Pyrene	19.892	202	444502	5.594	ng/ul#	92
83) Butylbenzylphthalate	20.780	149	150883	5.017	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.574	252	85032	3.355	ng/ul#	89
85) Benzo(a)anthracene	21.639	228	396185	4.950	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.557	149	214878	4.666	ng/ul	98
87) Chrysene	21.698	228	397579	5.131	ng/ul	97
89) Di-n-octyl phthalate	22.516	149	350474	4.786	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	366217	4.815	ng/ul#	94
91) Benzo(k)fluoranthene	23.445	252	363534	5.343	ng/ul#	97
93) Benzo(a)pyrene	24.063	252	356183	4.895	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.827	276	332663	3.724	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.845	278	289420	3.839	ng/ul	96
96) Benzo(g,h,i)perylene	27.645	276	277206	3.556	ng/ul#	93

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

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