

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082222\
 Data File : VN074052.D
 Acq On : 22 Aug 2022 18:21
 Operator : JC\MD
 Sample : VN0822WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS02

Quant Time: Aug 23 04:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	483473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	783739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	712082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	375002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	286777	60.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.800%	
35) Dibromofluoromethane	7.951	113	251052	54.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.340%	
50) Toluene-d8	10.380	98	931182	51.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.740%	
62) 4-Bromofluorobenzene	12.668	95	335091	56.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.051	85	96574	25.192	ug/l	98
3) Chloromethane	2.269	50	122563	28.750	ug/l	96
4) Vinyl Chloride	2.404	62	139193	25.434	ug/l	99
5) Bromomethane	2.816	94	66993	19.603	ug/l	96
6) Chloroethane	2.975	64	87234	22.563	ug/l	99
7) Trichlorofluoromethane	3.322	101	175927	24.920	ug/l	99
8) Diethyl Ether	3.769	74	64320	24.544	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.145	101	88705	21.630	ug/l	96
10) Methyl Iodide	4.351	142	85487	17.363	ug/l	98
11) Tert butyl alcohol	5.292	59	131814	125.140	ug/l	100
12) 1,1-Dichloroethene	4.116	96	90544	23.729	ug/l	97
13) Acrolein	3.981	56	61022	82.766	ug/l	99
14) Allyl chloride	4.757	41	148828	26.336	ug/l	96
15) Acrylonitrile	5.475	53	364220	141.630	ug/l	98
16) Acetone	4.222	43	296319	133.378	ug/l	97
17) Carbon Disulfide	4.463	76	250625	27.624	ug/l	100
18) Methyl Acetate	4.781	43	158098	27.319	ug/l	100
19) Methyl tert-butyl Ether	5.539	73	314451	22.881	ug/l	97
20) Methylene Chloride	5.022	84	113674	24.248	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	102957	24.491	ug/l	97
22) Diisopropyl ether	6.416	45	316133	26.384	ug/l	98
23) Vinyl Acetate	6.351	43	1353409	131.810	ug/l	100
24) 1,1-Dichloroethane	6.304	63	186490	25.005	ug/l	99
25) 2-Butanone	7.263	43	486613	138.138	ug/l	98
26) 2,2-Dichloropropane	7.251	77	135228	19.299	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	122166	23.554	ug/l	96
28) Bromochloromethane	7.586	49	68261	24.815	ug/l	98
29) Tetrahydrofuran	7.610	42	319464	141.374	ug/l	99
30) Chloroform	7.745	83	194150	23.280	ug/l	100
31) Cyclohexane	8.022	56	166031	25.292	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	163908	22.163	ug/l	97
36) 1,1-Dichloropropene	8.157	75	139253	21.631	ug/l	98
37) Ethyl Acetate	7.339	43	179493	23.014	ug/l	99
38) Carbon Tetrachloride	8.133	117	145851	19.821	ug/l	96
39) Methylcyclohexane	9.398	83	171387	21.246	ug/l	96
40) Benzene	8.392	78	445398	21.921	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	82963	23.538	ug/l	98
42) 1,2-Dichloroethane	8.463	62	147225	21.073	ug/l	98
43) Isopropyl Acetate	8.498	43	270920	24.384	ug/l	97
44) Trichloroethene	9.151	130	115948	19.757	ug/l	99
45) 1,2-Dichloropropane	9.427	63	114043	23.417	ug/l	100
46) Dibromomethane	9.516	93	78967	21.327	ug/l	96
47) Bromodichloromethane	9.704	83	153003	21.620	ug/l	97
48) Methyl methacrylate	9.498	41	111688	23.493	ug/l	93
49) 1,4-Dioxane	9.504	88	60025	424.570	ug/l	98
51) 4-Methyl-2-Pentanone	10.274	43	906498	120.673	ug/l	100
52) Toluene	10.445	92	279902	20.089	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	159054	21.418	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	174827	21.516	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	115072	21.232	ug/l	99
56) Ethyl methacrylate	10.704	69	173485	22.443	ug/l	96
57) 1,3-Dichloropropane	10.986	76	194338	22.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	401660	111.333	ug/l	100
59) 2-Hexanone	11.027	43	711131	123.005	ug/l	100
60) Dibromochloromethane	11.180	129	124520	20.776	ug/l	99
61) 1,2-Dibromoethane	11.286	107	121550	20.968	ug/l	99
64) Tetrachloroethene	10.916	164	100418	17.867	ug/l	97
65) Chlorobenzene	11.710	112	305999	20.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	113908	19.877	ug/l	99
67) Ethyl Benzene	11.786	91	524090	20.824	ug/l	99
68) m/p-Xylenes	11.892	106	416642	40.744	ug/l	99
69) o-Xylene	12.221	106	199601	19.465	ug/l	99
70) Styrene	12.233	104	339460	21.144	ug/l	98
71) Bromoform	12.398	173	102535	20.040	ug/l #	98
73) Isopropylbenzene	12.521	105	511108	18.717	ug/l	100
74) N-amyl acetate	12.333	43	200363	19.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	182545	19.921	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	137256m	17.610	ug/l	
77) Bromobenzene	12.798	156	135940	18.392	ug/l	97
78) n-propylbenzene	12.863	91	598017	20.545	ug/l	99
79) 2-Chlorotoluene	12.951	91	353300	19.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	431040	19.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	55163	20.129	ug/l	99
82) 4-Chlorotoluene	13.045	91	359659	20.876	ug/l	99
83) tert-Butylbenzene	13.262	119	371919	18.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	435396	19.630	ug/l	99
85) sec-Butylbenzene	13.439	105	540917	20.417	ug/l	99
86) p-Isopropyltoluene	13.557	119	457151	20.255	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	251484	19.620	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	248685	19.144	ug/l	98
89) n-Butylbenzene	13.880	91	382102	21.374	ug/l	99
90) Hexachloroethane	14.151	117	82649	20.033	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	249032	18.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	43523	20.116	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	161329	20.026	ug/l	98
94) Hexachlorobutadiene	15.304	225	79126	18.633	ug/l	98
95) Naphthalene	15.433	128	537430	20.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	165683	19.898	ug/l	99

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

