

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078470.D
 Acq On : 11 Jul 2023 19:04
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 12 01:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	427924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	673785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	281638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	282411	49.228	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.177	113	253259	50.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.576	98	926081	49.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	12.853	95	297300	51.136	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	272008	51.845	ug/l	97
3) Chloromethane	2.371	50	295703	51.855	ug/l	98
4) Vinyl Chloride	2.518	62	400525	54.295	ug/l	98
5) Bromomethane	2.942	94	257061	55.656	ug/l	99
6) Chloroethane	3.118	64	250964	56.489	ug/l	98
7) Trichlorofluoromethane	3.500	101	482984	54.771	ug/l	99
8) Diethyl Ether	3.971	74	158935	54.097	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	252191	54.026	ug/l	96
10) Methyl Iodide	4.594	142	370859	57.816	ug/l	97
11) Tert butyl alcohol	5.547	59	252796	285.765	ug/l	98
12) 1,1-Dichloroethene	4.353	96	249057	55.158	ug/l	95
13) Acrolein	4.194	56	219869	252.620	ug/l	95
14) Allyl chloride	5.036	41	355088	57.551	ug/l	96
15) Acrylonitrile	5.736	53	652667	292.006	ug/l	99
16) Acetone	4.442	43	503217	281.598	ug/l	93
17) Carbon Disulfide	4.718	76	664216	50.871	ug/l	98
18) Methyl Acetate	5.036	43	424514	56.117	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	844962	56.795	ug/l	97
20) Methylene Chloride	5.289	84	297868	58.314	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	279349	54.900	ug/l	93
22) Diisopropyl ether	6.688	45	808428	58.516	ug/l	95
23) Vinyl Acetate	6.618	43	2557095	291.141	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	507607	54.527	ug/l	97
25) 2-Butanone	7.494	43	822634	292.441	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	402925	52.919	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	336581	57.181	ug/l	96
28) Bromochloromethane	7.824	49	208941	47.652	ug/l	94
29) Tetrahydrofuran	7.853	42	541549	293.397	ug/l	86
30) Chloroform	7.977	83	560934	57.876	ug/l	94
31) Cyclohexane	8.265	56	412042	53.146	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	501894	57.759	ug/l	97
36) 1,1-Dichloropropene	8.377	75	410482	56.897	ug/l	97
37) Ethyl Acetate	7.571	43	363949	60.516	ug/l #	93
38) Carbon Tetrachloride	8.371	117	452191	57.670	ug/l	97
39) Methylcyclohexane	9.606	83	378508	57.478	ug/l	90
40) Benzene	8.612	78	1228119	57.460	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	183025	59.697	ug/l	93
42) 1,2-Dichloroethane	8.682	62	410456	56.460	ug/l	99
43) Isopropyl Acetate	8.700	43	590184	59.606	ug/l	94
44) Trichloroethene	9.359	130	318979	55.373	ug/l	99
45) 1,2-Dichloropropane	9.629	63	308143	56.923	ug/l	93
46) Dibromomethane	9.718	93	223154	58.570	ug/l	93
47) Bromodichloromethane	9.894	83	445230	58.295	ug/l	98
48) Methyl methacrylate	9.688	41	272549	59.415	ug/l	90
49) 1,4-Dioxane	9.700	88	121176	1211.291	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	1815462	308.255	ug/l	93
52) Toluene	10.635	92	782355	59.060	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	456955	58.402	ug/l	97
54) cis-1,3-Dichloropropene	10.324	75	497297	59.626	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	307427	58.904	ug/l	96
56) Ethyl methacrylate	10.882	69	456070	62.512	ug/l	91
57) 1,3-Dichloropropane	11.171	76	517615	58.329	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	791286	304.339	ug/l	93
59) 2-Hexanone	11.200	43	1317873	314.850	ug/l	93
60) Dibromochloromethane	11.365	129	350630	60.854	ug/l	100
61) 1,2-Dibromoethane	11.476	107	314506	58.498	ug/l	99
64) Tetrachloroethene	11.106	164	279452	55.166	ug/l	93
65) Chlorobenzene	11.900	112	820812	54.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	316871	54.691	ug/l	97
67) Ethyl Benzene	11.970	91	1469317	57.716	ug/l	98
68) m/p-Xylenes	12.076	106	1120877	119.085	ug/l	98
69) o-Xylene	12.406	106	547428	57.581	ug/l	96
70) Styrene	12.418	104	894641	60.150	ug/l	98
71) Bromoform	12.582	173	232274	59.195	ug/l #	100
73) Isopropylbenzene	12.700	105	1373035	51.883	ug/l	99
74) N-amyl acetate	12.500	43	480308	52.666	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	440126	60.175	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	356443m	52.360	ug/l	
77) Bromobenzene	12.988	156	325755	56.814	ug/l	96
78) n-propylbenzene	13.041	91	1529134	54.030	ug/l	100
79) 2-Chlorotoluene	13.129	91	951503	51.327	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	1105477	52.869	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	148152	57.189	ug/l	93
82) 4-Chlorotoluene	13.229	91	917330	53.045	ug/l	98
83) tert-Butylbenzene	13.447	119	939904	52.945	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1109917	54.648	ug/l	97
85) sec-Butylbenzene	13.623	105	1191829	53.114	ug/l	99
86) p-Isopropyltoluene	13.735	119	992482	55.083	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	557219	54.848	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	541587	52.925	ug/l	99
89) n-Butylbenzene	14.064	91	739307	57.347	ug/l	97
90) Hexachloroethane	14.341	117	194650	58.923	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	542334	53.641	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	71857	56.986	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	178023	55.171	ug/l	96
94) Hexachlorobutadiene	15.506	225	94831	57.425	ug/l	98
95) Naphthalene	15.647	128	567363	51.433	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	194310	52.371	ug/l	98

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

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