

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078466.D
 Acq On : 11 Jul 2023 17:03
 Operator : JC\MD
 Sample : 03572-07 .75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 12 02:48:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 12 02:45:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	477253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	848929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	708669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	205620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	366706	57.315	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.620%	
35) Dibromofluoromethane	8.171	113	317103	55.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.060%	
50) Toluene-d8	10.576	98	1138051	52.276	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.859	95	323951	48.310	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.130	85	5158	0.882	ug/l	90
3) Chloromethane	2.377	50	5733	0.901	ug/l	96
4) Vinyl Chloride	2.512	62	6623	0.805	ug/l #	83
5) Bromomethane	2.959	94	6608	1.125	ug/l	87
6) Chloroethane	3.130	64	5236	0.942	ug/l	89
7) Trichlorofluoromethane	3.494	101	7639	0.777	ug/l #	71
8) Diethyl Ether	3.983	74	2650	0.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	4068	0.781	ug/l #	87
10) Methyl Iodide	4.588	142	4295	0.600	ug/l	91
11) Tert butyl alcohol	5.541	59	6257m	6.342	ug/l	
12) 1,1-Dichloroethene	4.347	96	3962	0.787	ug/l #	65
13) Acrolein	4.212	56	3424m	3.527	ug/l	
14) Allyl chloride	5.030	41	3776	0.549	ug/l	94
15) Acrylonitrile	5.741	53	8736m	3.505	ug/l	
16) Acetone	4.447	43	7848	3.938	ug/l	91
17) Carbon Disulfide	4.712	76	10813	0.743	ug/l #	85
18) Methyl Acetate	5.047	43	6517	0.772	ug/l #	79
19) Methyl tert-butyl Ether	5.806	73	10906	0.657	ug/l	96
20) Methylene Chloride	5.294	84	7531	1.171	ug/l #	86
21) trans-1,2-Dichloroethene	5.794	96	4545	0.801	ug/l	86
22) Diisopropyl ether	6.682	45	10156	0.659	ug/l #	93
23) Vinyl Acetate	6.618	43	31953	3.262	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	7436	0.716	ug/l #	81
25) 2-Butanone	7.506	43	10036	3.199	ug/l	99
26) 2,2-Dichloropropane	7.494	77	6705	0.790	ug/l	91
27) cis-1,2-Dichloroethene	7.494	96	4908	0.748	ug/l	90
28) Bromochloromethane	7.824	49	3668	0.750	ug/l #	96
29) Tetrahydrofuran	7.847	42	7201	3.498	ug/l #	20
30) Chloroform	7.971	83	8415	0.779	ug/l	97
31) Cyclohexane	8.235	56	16220	1.876	ug/l #	39
32) 1,1,1-Trichloroethane	8.171	97	6563	0.677	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	6319	0.759	ug/l #	68
37) Ethyl Acetate	7.571	43	4419	0.637	ug/l #	80
38) Carbon Tetrachloride	8.371	117	6939	0.767	ug/l	85
39) Methylcyclohexane	9.612	83	5368	0.707	ug/l #	80
40) Benzene	8.618	78	17682	0.717	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	2550	0.721	ug/l #	78
42) 1,2-Dichloroethane	8.676	62	6922	0.826	ug/l	97
43) Isopropyl Acetate	8.700	43	8038	0.704	ug/l #	90
44) Trichloroethene	9.359	130	4576	0.689	ug/l	84
45) 1,2-Dichloropropane	9.629	63	4517	0.723	ug/l #	52
46) Dibromomethane	9.712	93	3519	0.801	ug/l	90
47) Bromodichloromethane	9.888	83	6107	0.693	ug/l #	91
48) Methyl methacrylate	9.688	41	3698	0.699	ug/l #	74
49) 1,4-Dioxane	9.706	88	2016	17.472	ug/l	95
51) 4-Methyl-2-Pentanone	10.453	43	21815	3.211	ug/l	89
52) Toluene	10.635	92	10547	0.690	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	5836	0.647	ug/l #	85
54) cis-1,3-Dichloropropene	10.318	75	6769	0.704	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	4510	0.749	ug/l #	82
56) Ethyl methacrylate	10.882	69	5826	0.692	ug/l	89
57) 1,3-Dichloropropane	11.170	76	6600	0.645	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	7300	2.434	ug/l	97
59) 2-Hexanone	11.200	43	15036	3.115	ug/l	83
60) Dibromochloromethane	11.359	129	4109	0.618	ug/l	78
61) 1,2-Dibromoethane	11.476	107	4009	0.647	ug/l	97
64) Tetrachloroethene	11.112	164	4472	0.839	ug/l #	78
65) Chlorobenzene	11.894	112	11687	0.738	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	3812	0.626	ug/l #	52
67) Ethyl Benzene	11.970	91	17632	0.659	ug/l	99
68) m/p-Xylenes	12.076	106	12350	1.248	ug/l	95
69) o-Xylene	12.406	106	6037	0.604	ug/l	98
70) Styrene	12.412	104	8299	0.531	ug/l #	77
71) Bromoform	12.594	173	3062	0.742	ug/l #	96
73) Isopropylbenzene	12.706	105	14278	0.739	ug/l	93
74) N-amyl acetate	12.506	43	4691	0.705	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5775	0.885	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	6262	1.260	ug/l	72
77) Bromobenzene	12.988	156	4095	0.863	ug/l	92
78) n-propylbenzene	13.041	91	15576	0.754	ug/l	96
79) 2-Chlorotoluene	13.135	91	10484	0.775	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	11460	0.751	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	1077m	0.569	ug/l	
82) 4-Chlorotoluene	13.223	91	10029	0.794	ug/l	93
83) tert-Butylbenzene	13.447	119	9530	0.735	ug/l	97
84) 1,2,4-Trimethylbenzene	13.494	105	9631	0.650	ug/l	82
85) sec-Butylbenzene	13.623	105	10828	0.661	ug/l	99
86) p-Isopropyltoluene	13.741	119	8172	0.621	ug/l #	82
87) 1,3-Dichlorobenzene	13.747	146	5439	0.733	ug/l	99
88) 1,4-Dichlorobenzene	13.747	146	5439	0.728	ug/l	97
89) n-Butylbenzene	14.064	91	5688	0.604	ug/l	92
90) Hexachloroethane	14.335	117	2760	0.993	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	4936	0.669	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.735	75	760	0.707	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	1108	0.470	ug/l	76
94) Hexachlorobutadiene	15.505	225	1265	0.821	ug/l	85
95) Naphthalene	15.647	128	5126	0.636	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.835	180	684	0.253	ug/l #	13

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

