

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111323\
 Data File : VN080059.D
 Acq On : 13 Nov 2023 12:20
 Operator : JC\MD
 Sample : VN1113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113WBSD01

Quant Time: Nov 14 19:23:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	300615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240621	52.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.080%	
35) Dibromofluoromethane	8.165	113	191115	52.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	10.571	98	680119	50.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.853	95	203326	45.568	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	72370	19.986	ug/l	100
3) Chloromethane	2.359	50	63570	13.252	ug/l	100
4) Vinyl Chloride	2.512	62	70833	14.944	ug/l	94
5) Bromomethane	2.959	94	37594	13.054	ug/l	98
6) Chloroethane	3.124	64	44680	11.930	ug/l	95
7) Trichlorofluoromethane	3.495	101	130955	22.214	ug/l	96
8) Diethyl Ether	3.959	74	48852	21.837	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.383	101	75675	22.143	ug/l	99
10) Methyl Iodide	4.595	142	80770	20.696	ug/l	96
11) Tert butyl alcohol	5.524	59	53037	90.716	ug/l	97
12) 1,1-Dichloroethene	4.342	96	68002	21.016	ug/l #	82
13) Acrolein	4.177	56	60697	120.474	ug/l	95
14) Allyl chloride	5.018	41	119319	24.076	ug/l #	86
15) Acrylonitrile	5.718	53	203280	111.571	ug/l	99
16) Acetone	4.424	43	189790	117.973	ug/l	92
17) Carbon Disulfide	4.706	76	166894	17.881	ug/l	100
18) Methyl Acetate	5.018	43	172538	22.417	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	255301	22.917	ug/l	92
20) Methylene Chloride	5.283	84	92415	22.766	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	77917	21.591	ug/l	86
22) Diisopropyl ether	6.671	45	283239	24.661	ug/l #	88
23) Vinyl Acetate	6.600	43	693460	109.461	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	166520	23.854	ug/l	96
25) 2-Butanone	7.483	43	264247	112.169	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	136986	23.728	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	94164	21.813	ug/l	86
28) Bromochloromethane	7.812	49	83935	24.672	ug/l #	79
29) Tetrahydrofuran	7.835	42	166853	108.861	ug/l #	78
30) Chloroform	7.965	83	173649	22.901	ug/l	94
31) Cyclohexane	8.259	56	122657	20.267	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	145747	23.590	ug/l	98
36) 1,1-Dichloropropene	8.371	75	115187	22.074	ug/l	96
37) Ethyl Acetate	7.565	43	107655	22.495	ug/l #	95
38) Carbon Tetrachloride	8.365	117	124988	23.767	ug/l	98
39) Methylcyclohexane	9.606	83	97890	19.934	ug/l #	88
40) Benzene	8.606	78	358770	22.955	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59424	23.383	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	136064	24.923	ug/l	99
43) Isopropyl Acetate	8.688	43	178488	21.267	ug/l #	93
44) Trichloroethene	9.353	130	87712	22.616	ug/l	98
45) 1,2-Dichloropropane	9.624	63	98576	24.680	ug/l	97
46) Dibromomethane	9.706	93	65594	24.051	ug/l	95
47) Bromodichloromethane	9.888	83	135995	23.381	ug/l	97
48) Methyl methacrylate	9.682	41	81985	22.302	ug/l #	81
49) 1,4-Dioxane	9.694	88	27335	420.821	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	538889	114.050	ug/l	91
52) Toluene	10.635	92	219806	23.723	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	132595	23.255	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	148410	23.879	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	99612	26.728	ug/l	95
56) Ethyl methacrylate	10.876	69	118844	22.356	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	141001	21.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	325066	120.649	ug/l	90
59) 2-Hexanone	11.200	43	342829	94.845	ug/l	95
60) Dibromochloromethane	11.359	129	101642	25.479	ug/l	99
61) 1,2-Dibromoethane	11.471	107	94130	25.165	ug/l	100
64) Tetrachloroethene	11.106	164	90318	31.917	ug/l	97
65) Chlorobenzene	11.894	112	200568	21.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	79020	23.141	ug/l	96
67) Ethyl Benzene	11.965	91	343321	20.791	ug/l	99
68) m/p-Xylenes	12.071	106	271216	44.091	ug/l	92
69) o-Xylene	12.400	106	159025	26.847	ug/l	94
70) Styrene	12.412	104	262927	27.620	ug/l	99
71) Bromoform	12.582	173	54453	22.457	ug/l #	98
73) Isopropylbenzene	12.700	105	309155	21.954	ug/l	99
74) N-amyl acetate	12.494	43	107204	17.441	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	101307	20.290	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	81655m	18.745	ug/l	
77) Bromobenzene	12.982	156	75965	22.034	ug/l	95
78) n-propylbenzene	13.035	91	358303	22.219	ug/l	99
79) 2-Chlorotoluene	13.129	91	230312	22.356	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	268145	24.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	31154	19.458	ug/l	90
82) 4-Chlorotoluene	13.223	91	237954	23.245	ug/l	96
83) tert-Butylbenzene	13.441	119	209314	23.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	263966	24.488	ug/l	100
85) sec-Butylbenzene	13.617	105	296502	23.863	ug/l	100
86) p-Isopropyltoluene	13.729	119	241792	23.868	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145397	22.670	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	144816	22.245	ug/l	97
89) n-Butylbenzene	14.059	91	239291	27.425	ug/l	100
90) Hexachloroethane	14.335	117	52449	26.143	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	174274	28.784	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20958	24.752	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	69179	24.030	ug/l	96
94) Hexachlorobutadiene	15.500	225	36091	27.655	ug/l	99
95) Naphthalene	15.647	128	189676	19.428	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	69628	24.674	ug/l	97

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

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