

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085739.D
 Acq On : 11 Feb 2025 12:51
 Operator : JC\MD
 Sample : VN0211WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0211WBSD01

Quant Time: Feb 11 23:16:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	224522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	375199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	332065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	167113	46.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.220%
35) Dibromofluoromethane	8.165	113	135324	51.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	10.559	98	472502	51.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.847	95	165091	52.185	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	66595	21.907	ug/l	98
3) Chloromethane	2.360	50	64263	19.524	ug/l	99
4) Vinyl Chloride	2.512	62	66928	20.230	ug/l	97
5) Bromomethane	2.959	94	42519	21.277	ug/l	97
6) Chloroethane	3.124	64	42071	20.058	ug/l	99
7) Trichlorofluoromethane	3.501	101	92327	19.233	ug/l	98
8) Diethyl Ether	3.954	74	31070	18.736	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	53818	19.905	ug/l	98
10) Methyl Iodide	4.589	142	67190	21.700	ug/l	95
11) Tert butyl alcohol	5.512	59	39233	94.537	ug/l	98
12) 1,1-Dichloroethene	4.342	96	49061	20.360	ug/l	90
13) Acrolein	4.177	56	51593	91.071	ug/l	98
14) Allyl chloride	5.024	41	65539	16.762	ug/l	96
15) Acrylonitrile	5.712	53	121431	92.121	ug/l	98
16) Acetone	4.424	43	99745	85.177	ug/l	96
17) Carbon Disulfide	4.712	76	144777	19.514	ug/l	98
18) Methyl Acetate	5.018	43	63421	17.810	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	156130	19.954	ug/l	99
20) Methylene Chloride	5.271	84	58679	20.241	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	51651	20.057	ug/l	92
22) Diisopropyl ether	6.665	45	160447	18.487	ug/l	98
23) Vinyl Acetate	6.600	43	549606	90.491	ug/l	97
24) 1,1-Dichloroethane	6.565	63	102044	19.283	ug/l	97
25) 2-Butanone	7.477	43	149576	86.798	ug/l	91
26) 2,2-Dichloropropane	7.489	77	86892	20.309	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	62024	20.449	ug/l	93
28) Bromochloromethane	7.812	49	52709	21.409	ug/l	86
29) Tetrahydrofuran	7.836	42	97093	88.867	ug/l	91
30) Chloroform	7.965	83	104983	19.195	ug/l	93
31) Cyclohexane	8.253	56	75733	16.465	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	92642	19.310	ug/l	96
36) 1,1-Dichloropropene	8.365	75	69029	18.896	ug/l	98
37) Ethyl Acetate	7.559	43	64420	17.470	ug/l #	97
38) Carbon Tetrachloride	8.359	117	81764	19.550	ug/l	98
39) Methylcyclohexane	9.600	83	64978	18.928	ug/l	97
40) Benzene	8.600	78	226912	20.672	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	33171	17.291	ug/l	92
42) 1,2-Dichloroethane	8.665	62	80021	19.356	ug/l	97
43) Isopropyl Acetate	8.683	43	107362	18.171	ug/l	97
44) Trichloroethene	9.347	130	51509	20.159	ug/l	96
45) 1,2-Dichloropropane	9.618	63	54599	19.474	ug/l	98
46) Dibromomethane	9.706	93	40689	20.112	ug/l	96
47) Bromodichloromethane	9.883	83	83313	20.214	ug/l	98
48) Methyl methacrylate	9.677	41	47602	17.903	ug/l	92
49) 1,4-Dioxane	9.694	88	17462	389.984	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	309553	90.286	ug/l	96
52) Toluene	10.624	92	137416	21.606	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	79415	20.389	ug/l	94
54) cis-1,3-Dichloropropene	10.306	75	86633	20.823	ug/l #	90
55) 1,1,2-Trichloroethane	11.012	97	53859	21.398	ug/l	95
56) Ethyl methacrylate	10.871	69	71208	18.077	ug/l	90
57) 1,3-Dichloropropane	11.159	76	90026	20.570	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	157080	98.343	ug/l	98
59) 2-Hexanone	11.194	43	220751	91.504	ug/l	94
60) Dibromochloromethane	11.359	129	63201	20.798	ug/l	99
61) 1,2-Dibromoethane	11.465	107	51422	20.524	ug/l	99
64) Tetrachloroethene	11.100	164	50749	22.418	ug/l	95
65) Chlorobenzene	11.888	112	148091	20.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	53893	20.186	ug/l	97
67) Ethyl Benzene	11.959	91	236870	19.992	ug/l	98
68) m/p-Xylenes	12.071	106	185462	42.354	ug/l	98
69) o-Xylene	12.394	106	86623	20.700	ug/l	98
70) Styrene	12.406	104	144342	20.842	ug/l	98
71) Bromoform	12.576	173	39790	20.829	ug/l #	97
73) Isopropylbenzene	12.694	105	210594	19.228	ug/l	99
74) N-amyl acetate	12.488	43	82006	16.658	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	72646	18.777	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	58892m	17.855	ug/l	
77) Bromobenzene	12.976	156	57981	20.263	ug/l	94
78) n-propylbenzene	13.029	91	254143	19.601	ug/l	99
79) 2-Chlorotoluene	13.124	91	163316	19.462	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	182135	20.132	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23219	19.046	ug/l	86
82) 4-Chlorotoluene	13.218	91	163357	19.551	ug/l	98
83) tert-Butylbenzene	13.435	119	146822	19.326	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	183065	20.303	ug/l	97
85) sec-Butylbenzene	13.612	105	208645	19.815	ug/l	100
86) p-Isopropyltoluene	13.723	119	171650	19.581	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	104682	19.865	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	103924	19.026	ug/l	100
89) n-Butylbenzene	14.053	91	139349	18.447	ug/l	99
90) Hexachloroethane	14.329	117	36620	18.269	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	101033	19.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	12990	18.387	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	44889	18.374	ug/l	99
94) Hexachlorobutadiene	15.494	225	25066	19.326	ug/l	94
95) Naphthalene	15.635	128	123258	16.907	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	45678	18.478	ug/l	99

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

