

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085957.D
 Acq On : 12 Mar 2025 13:53
 Operator : JC\MD
 Sample : VN0312WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBS01

Quant Time: Mar 13 01:34:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	174027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112953	50.063	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.120%	
35) Dibromofluoromethane	8.165	113	92713	49.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.140%	
50) Toluene-d8	10.565	98	338168	49.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.847	95	122349	54.566	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 109.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	44208	18.676	ug/l	98
3) Chloromethane	2.359	50	38721	16.302	ug/l	98
4) Vinyl Chloride	2.506	62	40308	16.027	ug/l	93
5) Bromomethane	2.953	94	25017	15.557	ug/l	95
6) Chloroethane	3.118	64	24583	14.757	ug/l	90
7) Trichlorofluoromethane	3.500	101	66253	18.195	ug/l	99
8) Diethyl Ether	3.959	74	19692	16.714	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	37868	17.991	ug/l	98
10) Methyl Iodide	4.589	142	46524	17.932	ug/l	96
11) Tert butyl alcohol	5.524	59	30748	110.805	ug/l	97
12) 1,1-Dichloroethene	4.342	96	32940	17.260	ug/l	98
13) Acrolein	4.177	56	33265	80.836	ug/l	98
14) Allyl chloride	5.024	41	42522	16.971	ug/l	96
15) Acrylonitrile	5.718	53	91081	100.963	ug/l	98
16) Acetone	4.424	43	71563	100.242	ug/l	99
17) Carbon Disulfide	4.712	76	105008	18.566	ug/l	97
18) Methyl Acetate	5.018	43	40623	16.544	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	102383	18.054	ug/l	99
20) Methylene Chloride	5.277	84	40844	17.791	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	36868	17.941	ug/l	96
22) Diisopropyl ether	6.671	45	104002	18.369	ug/l	97
23) Vinyl Acetate	6.600	43	368379	95.026	ug/l	100
24) 1,1-Dichloroethane	6.565	63	68059	17.683	ug/l	96
25) 2-Butanone	7.483	43	104797	99.780	ug/l	99
26) 2,2-Dichloropropane	7.494	77	64090	18.727	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	41888	17.580	ug/l	99
28) Bromochloromethane	7.812	49	42255	26.712	ug/l	98
29) Tetrahydrofuran	7.841	42	72889	107.472	ug/l	98
30) Chloroform	7.965	83	74120	18.428	ug/l	96
31) Cyclohexane	8.259	56	57619	17.880	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	68079	19.030	ug/l	97
36) 1,1-Dichloropropene	8.365	75	47907	18.097	ug/l	99
37) Ethyl Acetate	7.559	43	45075	20.691	ug/l	100
38) Carbon Tetrachloride	8.359	117	60550	19.250	ug/l	95
39) Methylcyclohexane	9.594	83	45935	17.663	ug/l	95
40) Benzene	8.606	78	155459	18.323	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	23350	20.050	ug/l	97
42) 1,2-Dichloroethane	8.671	62	51879	18.772	ug/l	98
43) Isopropyl Acetate	8.688	43	83577	21.549	ug/l	95
44) Trichloroethene	9.347	130	36775	17.653	ug/l	97
45) 1,2-Dichloropropane	9.624	63	37927	18.519	ug/l	99
46) Dibromomethane	9.706	93	27878	19.298	ug/l	99
47) Bromodichloromethane	9.888	83	56432	18.259	ug/l	99
48) Methyl methacrylate	9.677	41	31258	19.320	ug/l	97
49) 1,4-Dioxane	9.694	88	14844	482.479	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	223045	106.193	ug/l	100
52) Toluene	10.629	92	98935	19.892	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	55084	19.274	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	59800	19.082	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	36949	18.685	ug/l	96
56) Ethyl methacrylate	10.871	69	49299	18.948	ug/l	97
57) 1,3-Dichloropropane	11.165	76	61374	18.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	101332	107.179	ug/l	98
59) 2-Hexanone	11.194	43	163658	113.263	ug/l	98
60) Dibromochloromethane	11.359	129	46025	19.988	ug/l	98
61) 1,2-Dibromoethane	11.465	107	36602	19.590	ug/l	99
64) Tetrachloroethene	11.100	164	35982	18.145	ug/l	97
65) Chlorobenzene	11.888	112	102651	17.505	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	39354	18.671	ug/l	99
67) Ethyl Benzene	11.965	91	168886	18.386	ug/l	99
68) m/p-Xylenes	12.070	106	136164	39.025	ug/l	100
69) o-Xylene	12.400	106	62471	18.842	ug/l	100
70) Styrene	12.412	104	106334	18.692	ug/l	98
71) Bromoform	12.576	173	31603	20.179	ug/l #	97
73) Isopropylbenzene	12.694	105	152829	17.067	ug/l	99
74) N-amyl acetate	12.494	43	58250	18.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	54116	17.563	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	46711m	16.088	ug/l	
77) Bromobenzene	12.976	156	42906	17.735	ug/l	97
78) n-propylbenzene	13.035	91	188455	18.377	ug/l	100
79) 2-Chlorotoluene	13.123	91	120510	17.588	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	135135	18.526	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18362	18.453	ug/l	95
82) 4-Chlorotoluene	13.217	91	121730	17.921	ug/l	99
83) tert-Butylbenzene	13.441	119	110590	18.029	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	137594	19.066	ug/l	99
85) sec-Butylbenzene	13.617	105	151843	17.521	ug/l	100
86) p-Isopropyltoluene	13.729	119	123096	16.784	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	77134	17.018	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	78215	16.837	ug/l	98
89) n-Butylbenzene	14.053	91	96821	15.735	ug/l	96
90) Hexachloroethane	14.335	117	26884	16.379	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	74133	17.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10524	18.599	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	31785	15.304	ug/l	99
94) Hexachlorobutadiene	15.500	225	18459	14.624	ug/l	97
95) Naphthalene	15.641	128	88914	15.594	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	32581	15.626	ug/l	99

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

