

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085579.D
 Acq On : 30 Jan 2025 14:56
 Operator : JC\MD
 Sample : VN0130WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBS01

Quant Time: Jan 31 02:35:00 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

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2025
 Supervised By :Semsettin Yesilyurt 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	315495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135461	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158446	52.965	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.920%
35) Dibromofluoromethane	8.165	113	119723	54.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.400%
50) Toluene-d8	10.565	98	426740	54.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.847	95	146690	55.143	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41584	16.572	ug/l	97
3) Chloromethane	2.360	50	46136	16.981	ug/l	93
4) Vinyl Chloride	2.512	62	46963	17.197	ug/l	96
5) Bromomethane	2.959	94	30051	18.218	ug/l	97
6) Chloroethane	3.118	64	32553	18.803	ug/l	98
7) Trichlorofluoromethane	3.501	101	76107	19.208	ug/l	100
8) Diethyl Ether	3.959	74	23629	17.262	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	42908	19.226	ug/l	99
10) Methyl Iodide	4.595	142	46824	18.321	ug/l	99
11) Tert butyl alcohol	5.512	59	40129	117.147	ug/l	99
12) 1,1-Dichloroethene	4.336	96	37290	18.748	ug/l	89
13) Acrolein	4.171	56	32581	69.675	ug/l	96
14) Allyl chloride	5.024	41	56591	17.534	ug/l	99
15) Acrylonitrile	5.718	53	114435	105.174	ug/l	99
16) Acetone	4.424	43	101509	105.017	ug/l	97
17) Carbon Disulfide	4.706	76	93026	15.190	ug/l	98
18) Methyl Acetate	5.018	43	68492	23.303	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	129976	20.125	ug/l	99
20) Methylene Chloride	5.277	84	46255	19.330	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	39755	18.703	ug/l	99
22) Diisopropyl ether	6.671	45	147445	20.583	ug/l	97
23) Vinyl Acetate	6.606	43	493576	98.453	ug/l	99
24) 1,1-Dichloroethane	6.571	63	85834	19.650	ug/l	99
25) 2-Butanone	7.483	43	154273	108.457	ug/l	99
26) 2,2-Dichloropropane	7.489	77	72885	20.638	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	47654	19.034	ug/l	98
28) Bromochloromethane	7.806	49	38486	18.938	ug/l	98
29) Tetrahydrofuran	7.836	42	97421	108.026	ug/l	99
30) Chloroform	7.965	83	90458	20.037	ug/l	98
31) Cyclohexane	8.259	56	64403	16.963	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	79393	20.049	ug/l	97
36) 1,1-Dichloropropene	8.371	75	55806	18.167	ug/l	100
37) Ethyl Acetate	7.559	43	62459	20.144	ug/l	96
38) Carbon Tetrachloride	8.353	117	68396	19.448	ug/l	99
39) Methylcyclohexane	9.600	83	48764	16.893	ug/l	95
40) Benzene	8.600	78	179006	19.394	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	32846	20.362	ug/l	98
42) 1,2-Dichloroethane	8.665	62	71559	20.585	ug/l	100
43) Isopropyl Acetate	8.688	43	108656	21.870	ug/l	97
44) Trichloroethene	9.347	130	40848	19.012	ug/l	91
45) 1,2-Dichloropropane	9.618	63	46660	19.791	ug/l	98
46) Dibromomethane	9.706	93	32958	19.374	ug/l	96
47) Bromodichloromethane	9.883	83	72811	21.009	ug/l	94
48) Methyl methacrylate	9.677	41	46522	20.807	ug/l	98
49) 1,4-Dioxane	9.688	88	16687	443.200	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	323878	112.340	ug/l	100
52) Toluene	10.624	92	109688	20.510	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	65474	19.991	ug/l	90
54) cis-1,3-Dichloropropene	10.306	75	70599	20.180	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	45196	21.354	ug/l	98
56) Ethyl methacrylate	10.871	69	61183	18.429	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75452	20.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	110130	81.997	ug/l	100
59) 2-Hexanone	11.194	43	233248	114.981	ug/l	99
60) Dibromochloromethane	11.353	129	53884	21.088	ug/l	98
61) 1,2-Dibromoethane	11.471	107	42680	20.259	ug/l	100
64) Tetrachloroethene	11.100	164	38298	20.231	ug/l	98
65) Chlorobenzene	11.888	112	122124	20.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	45451	20.358	ug/l	99
67) Ethyl Benzene	11.959	91	194059	19.586	ug/l	98
68) m/p-Xylenes	12.071	106	152047	41.523	ug/l	99
69) o-Xylene	12.394	106	69663	19.907	ug/l	98
70) Styrene	12.406	104	119836	20.692	ug/l	99
71) Bromoform	12.576	173	34230	21.428	ug/l #	99
73) Isopropylbenzene	12.694	105	179178	19.598	ug/l	99
74) N-ethyl acetate	12.488	43	83099	20.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	64792	20.063	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60099m	21.828	ug/l	
77) Bromobenzene	12.976	156	47435	19.859	ug/l	98
78) n-propylbenzene	13.029	91	214402	19.810	ug/l	100
79) 2-Chlorotoluene	13.124	91	137062	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	153722	20.356	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21238	20.870	ug/l	97
82) 4-Chlorotoluene	13.218	91	140328	20.120	ug/l	99
83) tert-Butylbenzene	13.435	119	122177	19.266	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	153744	20.427	ug/l	99
85) sec-Butylbenzene	13.612	105	176174	20.044	ug/l	100
86) p-Isopropyltoluene	13.729	119	139790	19.127	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	88385	20.093	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	87013	19.084	ug/l	99
89) n-Butylbenzene	14.053	91	113160	17.946	ug/l	100
90) Hexachloroethane	14.329	117	32804	19.605	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	83310	18.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	12127	20.564	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	36629	17.961	ug/l	98
94) Hexachlorobutadiene	15.500	225	19536	18.044	ug/l	98
95) Naphthalene	15.635	128	101666	16.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35882	17.389	ug/l	99

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

