

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086194.D
 Acq On : 01 Apr 2025 13:54
 Operator : JC\MD
 Sample : VN0401WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBS01

Quant Time: Apr 02 01:52:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	124765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	197440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	188658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88944	52.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.120%			
35) Dibromofluoromethane	8.165	113	68069	49.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.780%			
50) Toluene-d8	10.565	98	248615	49.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.847	95	91284	51.176	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40556	24.536	ug/l	98
3) Chloromethane	2.359	50	28996	20.010	ug/l	97
4) Vinyl Chloride	2.512	62	32567	21.980	ug/l	99
5) Bromomethane	2.953	94	20347	20.161	ug/l #	77
6) Chloroethane	3.118	64	18693	19.999	ug/l	93
7) Trichlorofluoromethane	3.495	101	53834	20.212	ug/l	96
8) Diethyl Ether	3.965	74	13181	16.166	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	27519	19.440	ug/l	98
10) Methyl Iodide	4.589	142	32348	17.538	ug/l #	82
11) Tert butyl alcohol	5.524	59	20333	84.060	ug/l	99
12) 1,1-Dichloroethene	4.348	96	23281	18.214	ug/l	92
13) Acrolein	4.183	56	13313	51.602	ug/l	91
14) Allyl chloride	5.024	41	24353	15.272	ug/l	92
15) Acrylonitrile	5.718	53	54212	84.862	ug/l	98
16) Acetone	4.424	43	42813	82.025	ug/l	96
17) Carbon Disulfide	4.712	76	70649	16.807	ug/l	99
18) Methyl Acetate	5.024	43	21369	16.547	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	76425	18.246	ug/l	93
20) Methylene Chloride	5.277	84	27861	18.247	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	26530	18.992	ug/l	85
22) Diisopropyl ether	6.665	45	58841	17.315	ug/l	98
23) Vinyl Acetate	6.606	43	217474	84.422	ug/l	98
24) 1,1-Dichloroethane	6.565	63	45668	18.276	ug/l	98
25) 2-Butanone	7.483	43	63314	84.066	ug/l	93
26) 2,2-Dichloropropane	7.488	77	48649	20.222	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	29027	18.286	ug/l	99
28) Bromochloromethane	7.818	49	21651	20.450	ug/l	90
29) Tetrahydrofuran	7.836	42	40639	87.403	ug/l	92
30) Chloroform	7.965	83	55140	19.964	ug/l	99
31) Cyclohexane	8.253	56	36426	17.111	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	54519	20.852	ug/l	97
36) 1,1-Dichloropropene	8.371	75	35665	19.654	ug/l	99
37) Ethyl Acetate	7.565	43	25776	16.837	ug/l	98
38) Carbon Tetrachloride	8.359	117	52370	21.950	ug/l	97
39) Methylcyclohexane	9.600	83	32581	18.097	ug/l	96
40) Benzene	8.600	78	110022	19.314	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	12447	17.027	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	40799	20.555	ug/l	100
43) Isopropyl Acetate	8.688	43	50249	15.147	ug/l	95
44) Trichloroethene	9.353	130	27756	18.800	ug/l	99
45) 1,2-Dichloropropane	9.618	63	24894	19.214	ug/l	94
46) Dibromomethane	9.706	93	20918	20.529	ug/l	99
47) Bromodichloromethane	9.882	83	43923	20.626	ug/l	98
48) Methyl methacrylate	9.682	41	20258	18.506	ug/l	97
49) 1,4-Dioxane	9.688	88	10040	387.972	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	143952	98.393	ug/l	99
52) Toluene	10.629	92	74584	21.333	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	39964	19.324	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	42797	19.613	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	27763	20.805	ug/l	96
56) Ethyl methacrylate	10.871	69	35888	19.705	ug/l	97
57) 1,3-Dichloropropane	11.159	76	45888	20.246	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	74119	106.866	ug/l	99
59) 2-Hexanone	11.194	43	107267	100.644	ug/l	98
60) Dibromochloromethane	11.359	129	36729	21.330	ug/l	96
61) 1,2-Dibromoethane	11.465	107	27453	20.039	ug/l	95
64) Tetrachloroethene	11.100	164	30094	19.997	ug/l	95
65) Chlorobenzene	11.888	112	79577	18.433	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	32796	20.436	ug/l	98
67) Ethyl Benzene	11.965	91	128684	18.635	ug/l	97
68) m/p-Xylenes	12.071	106	107795	39.715	ug/l	99
69) o-Xylene	12.400	106	49390	19.826	ug/l	97
70) Styrene	12.412	104	82905	19.484	ug/l	99
71) Bromoform	12.576	173	26515	19.765	ug/l #	98
73) Isopropylbenzene	12.694	105	121830	17.656	ug/l	100
74) N-amyl acetate	12.494	43	38325	16.601	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	39762	17.033	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	39036m	17.256	ug/l	
77) Bromobenzene	12.976	156	33321	17.318	ug/l	99
78) n-propylbenzene	13.035	91	144762	18.527	ug/l	99
79) 2-Chlorotoluene	13.123	91	94739	18.255	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	110547	18.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	13286	15.527	ug/l	89
82) 4-Chlorotoluene	13.218	91	98122	18.385	ug/l	99
83) tert-Butylbenzene	13.435	119	86115	17.283	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	108868	18.528	ug/l	97
85) sec-Butylbenzene	13.612	105	119683	18.413	ug/l	100
86) p-Isopropyltoluene	13.729	119	100839	18.327	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	62468	18.012	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	64204	17.620	ug/l	98
89) n-Butylbenzene	14.053	91	76217	17.010	ug/l	98
90) Hexachloroethane	14.329	117	22577	17.783	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	61071	17.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8286	17.782	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	26735	15.422	ug/l	99
94) Hexachlorobutadiene	15.494	225	17415	17.316	ug/l	99
95) Naphthalene	15.635	128	71366	14.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	27926	16.977	ug/l	95

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

