

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086195.D
 Acq On : 01 Apr 2025 14:48
 Operator : JC\MD
 Sample : VN0401WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0401WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 01:53:01 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	183169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	166660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	83687	54.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.040%			
35) Dibromofluoromethane	8.165	113	60556	47.365	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.740%			
50) Toluene-d8	10.565	98	223904	48.255	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.500%			
62) 4-Bromofluorobenzene	12.847	95	79895	48.281	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33760	22.523	ug/l	100
3) Chloromethane	2.359	50	28209	21.468	ug/l	93
4) Vinyl Chloride	2.512	62	27841	20.722	ug/l	97
5) Bromomethane	2.953	94	18876	20.625	ug/l	96
6) Chloroethane	3.118	64	15574	18.375	ug/l	96
7) Trichlorofluoromethane	3.500	101	42592	17.635	ug/l	96
8) Diethyl Ether	3.953	74	11148	15.078	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	21799	16.982	ug/l	98
10) Methyl Iodide	4.589	142	27896	16.678	ug/l	93
11) Tert butyl alcohol	5.524	59	16691	76.095	ug/l #	90
12) 1,1-Dichloroethene	4.347	96	17584	15.171	ug/l	96
13) Acrolein	4.183	56	10756	45.976	ug/l	95
14) Allyl chloride	5.018	41	20007	13.836	ug/l	93
15) Acrylonitrile	5.718	53	46094	79.571	ug/l	98
16) Acetone	4.424	43	35852	75.748	ug/l	95
17) Carbon Disulfide	4.712	76	55700	14.612	ug/l #	94
18) Methyl Acetate	5.018	43	19035	16.255	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	66821	17.593	ug/l	96
20) Methylene Chloride	5.277	84	23590	17.037	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	20485	16.172	ug/l	89
22) Diisopropyl ether	6.671	45	49664	16.117	ug/l	97
23) Vinyl Acetate	6.600	43	185098	79.239	ug/l	94
24) 1,1-Dichloroethane	6.571	63	38444	16.966	ug/l	95
25) 2-Butanone	7.483	43	55521	81.296	ug/l	97
26) 2,2-Dichloropropane	7.488	77	38865	17.815	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	25048	17.401	ug/l	98
28) Bromochloromethane	7.812	49	20134	20.972	ug/l	99
29) Tetrahydrofuran	7.835	42	37016	87.793	ug/l	96
30) Chloroform	7.965	83	47939	19.140	ug/l	97
31) Cyclohexane	8.253	56	30558	15.830	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	46301	19.529	ug/l	96
36) 1,1-Dichloropropene	8.371	75	28262	16.788	ug/l	97
37) Ethyl Acetate	7.559	43	24418	17.193	ug/l	96
38) Carbon Tetrachloride	8.359	117	44022	19.888	ug/l	98
39) Methylcyclohexane	9.600	83	28388	16.997	ug/l	97
40) Benzene	8.600	78	97718	18.490	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	11516	16.981	ug/l	98
42) 1,2-Dichloroethane	8.671	62	37024	20.106	ug/l	100
43) Isopropyl Acetate	8.682	43	46177	15.004	ug/l	95
44) Trichloroethene	9.353	130	24073	17.575	ug/l	91
45) 1,2-Dichloropropane	9.618	63	22945	19.089	ug/l	97
46) Dibromomethane	9.706	93	18995	20.094	ug/l	98
47) Bromodichloromethane	9.882	83	40332	20.415	ug/l	98
48) Methyl methacrylate	9.677	41	17335	17.069	ug/l	91
49) 1,4-Dioxane	9.694	88	9146	380.962	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	130353	96.040	ug/l	97
52) Toluene	10.624	92	63760	19.658	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	37143	19.359	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	37925	18.735	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	24452	19.752	ug/l	98
56) Ethyl methacrylate	10.871	69	30960	18.441	ug/l #	95
57) 1,3-Dichloropropane	11.159	76	40240	19.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	60080	94.789	ug/l	99
59) 2-Hexanone	11.194	43	92497	93.547	ug/l	96
60) Dibromochloromethane	11.353	129	32757	20.505	ug/l	97
61) 1,2-Dibromoethane	11.465	107	24999	19.670	ug/l	99
64) Tetrachloroethene	11.100	164	25293	19.025	ug/l	92
65) Chlorobenzene	11.888	112	67422	17.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	27197	19.184	ug/l	98
67) Ethyl Benzene	11.959	91	103947	17.039	ug/l	99
68) m/p-Xylenes	12.070	106	84055	35.056	ug/l	96
69) o-Xylene	12.394	106	39205	17.815	ug/l	97
70) Styrene	12.412	104	67805	18.039	ug/l	99
71) Bromoform	12.576	173	22734	19.183	ug/l #	99
73) Isopropylbenzene	12.694	105	98386	16.548	ug/l	99
74) N-amyl acetate	12.494	43	33437	16.809	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	34314	17.059	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	33882m	17.382	ug/l	
77) Bromobenzene	12.976	156	29628	17.871	ug/l	93
78) n-propylbenzene	13.029	91	116395	17.288	ug/l	99
79) 2-Chlorotoluene	13.123	91	76707	17.153	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	87826	17.496	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	10739	14.566	ug/l #	79
82) 4-Chlorotoluene	13.217	91	79137	17.209	ug/l	99
83) tert-Butylbenzene	13.435	119	69288	16.139	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	88991	17.577	ug/l	100
85) sec-Butylbenzene	13.612	105	95320	17.019	ug/l	97
86) p-Isopropyltoluene	13.723	119	79828	16.838	ug/l	96
87) 1,3-Dichlorobenzene	13.729	146	51831	17.345	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	51399	16.371	ug/l	97
89) n-Butylbenzene	14.053	91	59567	15.429	ug/l	99
90) Hexachloroethane	14.329	117	17296	15.810	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	49784	16.758	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6991	17.411	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	22364	14.972	ug/l	98
94) Hexachlorobutadiene	15.494	225	14546	16.785	ug/l	99
95) Naphthalene	15.635	128	63201	14.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	22147	15.626	ug/l	96

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

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