

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038905.D
 Acq On : 16 Jul 2025 13:09
 Operator : SY/MD
 Sample : VV0716WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0716WBS01

Quant Time: Jul 17 06:15:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	431956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	701994	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	689115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	400772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	269197	51.006	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.020%	
35) Dibromofluoromethane	4.497	113	246753	51.555	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.120%	
50) Toluene-d8	7.236	98	735015	50.805	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	10.001	95	314819	54.019	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 108.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	58884	15.514	ug/l	99
3) Chloromethane	1.227	50	60760	14.825	ug/l	94
4) Vinyl Chloride	1.294	62	76060	16.214	ug/l	98
5) Bromomethane	1.494	94	61524	17.492	ug/l	97
6) Chloroethane	1.558	64	52637	16.788	ug/l	100
7) Trichlorofluoromethane	1.722	101	148486	17.890	ug/l	99
8) Diethyl Ether	1.918	74	55138	18.473	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	90816	18.299	ug/l	97
10) Methyl Iodide	2.195	142	89893	15.777	ug/l	99
11) Tert butyl alcohol	2.567	59	134715	110.870	ug/l	99
12) 1,1-Dichloroethene	2.082	96	74986	16.582	ug/l	99
13) Acrolein	2.008	56	16073	91.472	ug/l	86
14) Allyl chloride	2.355	41	133178	18.486	ug/l	98
15) Acrylonitrile	2.674	53	321722	103.468	ug/l	98
16) Acetone	2.117	43	271625	118.936	ug/l	100
17) Carbon Disulfide	2.249	76	122642	12.999	ug/l	97
18) Methyl Acetate	2.378	43	191793	24.821	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	336735	19.861	ug/l	97
20) Methylene Chloride	2.452	84	102126	17.627	ug/l	96
21) trans-1,2-Dichloroethene	2.699	96	80614	16.755	ug/l	95
22) Diisopropyl ether	3.214	45	302034	20.982	ug/l	99
23) Vinyl Acetate	3.188	43	1115140	98.797	ug/l	98
24) 1,1-Dichloroethane	3.114	63	184832	19.606	ug/l	97
25) 2-Butanone	3.866	43	367115	112.151	ug/l	95
26) 2,2-Dichloropropane	3.805	77	149531	18.117	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	104221	18.864	ug/l	99
28) Bromochloromethane	4.146	49	78135	21.413	ug/l	100
29) Tetrahydrofuran	4.236	42	231086	107.112	ug/l	96
30) Chloroform	4.275	83	207605	19.974	ug/l	94
31) Cyclohexane	4.580	56	103808	16.776	ug/l	95
32) 1,1,1-Trichloroethane	4.510	97	173177	19.097	ug/l	99
36) 1,1-Dichloropropene	4.744	75	95203	17.308	ug/l	98
37) Ethyl Acetate	3.982	43	134546	20.775	ug/l	98
38) Carbon Tetrachloride	4.731	117	134673	18.432	ug/l	98
39) Methylcyclohexane	6.046	83	102205	15.747	ug/l	97
40) Benzene	5.008	78	346147	18.563	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	63075	21.221	ug/l #	91
42) 1,2-Dichloroethane	5.040	62	136200	19.163	ug/l	99
43) Isopropyl Acetate	5.194	43	203280	19.847	ug/l	99
44) Trichloroethene	5.831	130	88859	18.237	ug/l	90
45) 1,2-Dichloropropane	6.088	63	93880	19.059	ug/l	97
46) Dibromomethane	6.226	93	72452	19.011	ug/l	99
47) Bromodichloromethane	6.426	83	163786	20.250	ug/l	96
48) Methyl methacrylate	6.300	41	85670	19.273	ug/l	99
49) 1,4-Dioxane	6.291	88	38040	397.190	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	790525	113.349	ug/l	97
52) Toluene	7.310	92	229336	19.523	ug/l	97
53) t-1,3-Dichloropropene	7.577	75	140801	19.239	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	156875	19.829	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	111605	19.877	ug/l	99
56) Ethyl methacrylate	7.715	69	137173	20.559	ug/l	98
57) 1,3-Dichloropropane	7.937	76	169592	20.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	459045	114.004	ug/l	99
59) 2-Hexanone	8.066	43	571997	110.176	ug/l	99
60) Dibromochloromethane	8.169	129	133811	20.237	ug/l	98
61) 1,2-Dibromoethane	8.275	107	111641	19.737	ug/l	97
64) Tetrachloroethene	7.898	164	77232	17.089	ug/l	96
65) Chlorobenzene	8.805	112	279095	18.536	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	112661	18.762	ug/l	99
67) Ethyl Benzene	8.937	91	416615	18.634	ug/l	99
68) m/p-Xylenes	9.062	106	330946	38.019	ug/l	98
69) o-Xylene	9.468	106	150679	18.340	ug/l	98
70) Styrene	9.487	104	282944	19.485	ug/l	99
71) Bromoform	9.654	173	93255	19.106	ug/l #	96
73) Isopropylbenzene	9.857	105	447000	18.667	ug/l	99
74) N-amyl acetate	9.725	43	165814	18.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	195179	19.459	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	145975	19.590	ug/l	78
77) Bromobenzene	10.143	156	120326	19.155	ug/l	99
78) n-propylbenzene	10.278	91	537727	19.213	ug/l	98
79) 2-Chlorotoluene	10.349	91	338826	19.036	ug/l	100
80) 1,3,5-Trimethylbenzene	10.467	105	386532	19.141	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	58030	19.005	ug/l	95
82) 4-Chlorotoluene	10.464	91	390271	19.615	ug/l	99
83) tert-Butylbenzene	10.789	119	389671	18.405	ug/l	99
84) 1,2,4-Trimethylbenzene	10.840	105	382334	19.241	ug/l	99
85) sec-Butylbenzene	11.014	105	512030	18.948	ug/l	100
86) p-Isopropyltoluene	11.168	119	428737	18.687	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	240854	18.785	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	256582	18.396	ug/l	98
89) n-Butylbenzene	11.580	91	391256	18.681	ug/l	97
90) Hexachloroethane	11.821	117	98871	18.119	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	227366	18.267	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40925	18.047	ug/l	91
93) 1,2,4-Trichlorobenzene	13.188	180	138229	18.814	ug/l	99
94) Hexachlorobutadiene	13.371	225	68360	18.067	ug/l	98
95) Naphthalene	13.426	128	460905	19.093	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	145310	19.081	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

