

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026698.D
 Acq On : 4 Aug 2025 15:18
 Operator : SY/MD
 Sample : VR0804WBSD01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0804WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/05/2025
 Supervised By :Semsettin Yesilyurt 08/05/2025

Quant Time: Aug 05 02:47:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.311	168	626229	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.338	114	1117455	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.547	117	840004	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	381530	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.699	65	404341	51.015	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.020%			
34) Dibromofluoromethane	7.215	113	347126	50.224	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
49) Toluene-d8	10.042	98	1261735	50.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
61) 4-Bromofluorobenzene	12.682	95	355886	50.531	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.666	85	97888	21.447	ug/l	95
3) Chloromethane	1.846	50	141450	20.849	ug/l	97
4) Vinyl Chloride	1.965	62	146814	21.177	ug/l	99
5) Bromomethane	2.311	94	75120	22.236	ug/l	92
6) Chloroethane	2.433	64	97734	21.894	ug/l	94
7) Trichlorofluoromethane	2.725	101	266434	21.322	ug/l	95
8) Diethyl Ether	3.085	74	114314	20.618	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.396	101	135522m	20.104	ug/l	
10) Methyl Iodide	3.556	142	123282	18.949	ug/l	97
11) Tert butyl alcohol	4.336	59	139814	112.746	ug/l	99
12) 1,1-Dichloroethene	3.364	96	136360	20.470	ug/l	88
13) Acrolein	3.255	56	186266	102.754	ug/l	98
14) Allyl chloride	3.897	41	276124	21.069	ug/l	94
15) Acrylonitrile	4.493	53	547885	111.301	ug/l	98
16) Acetone	3.447	43	385635	103.666	ug/l	90
17) Carbon Disulfide	3.656	76	179475	18.201	ug/l	97
18) Methyl Acetate	3.909	43	357548	23.029	ug/l #	75
19) Methyl tert-butyl Ether	4.567	73	556928	20.891	ug/l	92
20) Methylene Chloride	4.102	84	174209	19.734	ug/l	94
21) trans-1,2-Dichloroethene	4.542	96	141232	19.286	ug/l	93
22) Diisopropyl ether	5.479	45	649845	21.160	ug/l	96
23) Vinyl Acetate	5.405	43	1985042	113.363	ug/l	94
24) 1,1-Dichloroethane	5.341	63	322961	20.766	ug/l	99
25) 2-Butanone	6.387	43	652173	113.268	ug/l	99
26) 2,2-Dichloropropane	6.371	77	206227	19.181	ug/l	98
27) cis-1,2-Dichloroethene	6.367	96	192547	20.437	ug/l	97
28) Bromochloromethane	6.756	49	116968	20.871	ug/l	94
29) Chloroform	6.971	83	276745	20.543	ug/l	98
30) Cyclohexane	7.292	56	249468	19.863	ug/l	96
31) 1,1,1-Trichloroethane	7.189	97	200524	20.605	ug/l	97
35) 1,1-Dichloropropene	7.442	75	182403	20.920	ug/l	98
36) Ethyl Acetate	6.489	43	238297m	22.829	ug/l	
37) Carbon Tetrachloride	7.420	117	142254	20.033	ug/l	95
38) Methylcyclohexane	8.896	83	201193	20.158	ug/l	89
39) Benzene	7.722	78	650666	20.722	ug/l	96
40) Methacrylonitrile	6.740	41	134531	20.738	ug/l #	77

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41) 1,2-Dichloroethane	7.808	62	173111	21.675	ug/l	91
42) Isopropyl Acetate	7.879	43	364773	21.733	ug/l	97
43) Trichloroethene	8.620	130	121177	20.067	ug/l	92
44) 1,2-Dichloropropane	8.934	63	148157	19.939	ug/l	96
45) Dibromomethane	9.028	93	86054	20.824	ug/l	96
46) Bromodichloromethane	9.255	83	159204	19.884	ug/l	93
47) Methyl methacrylate	9.040	41	167706	22.829	ug/l	96
48) 1,4-Dioxane	9.037	88	55674	470.492	ug/l	96
50) 4-Methyl-2-Pentanone	9.929	43	1017507	116.118	ug/l	97
51) Toluene	10.115	92	329509	20.557	ug/l	99
52) t-1,3-Dichloropropene	10.375	75	158904	20.248	ug/l	97
53) cis-1,3-Dichloropropene	9.756	75	194526	20.665	ug/l	92
54) 1,1,2-Trichloroethane	10.581	97	119629	20.436	ug/l	95
55) Ethyl methacrylate	10.443	69	204612	21.166	ug/l	97
56) 1,3-Dichloropropane	10.741	76	210684	21.130	ug/l	100
57) 2-Chloroethyl Vinyl ether	9.599	63	63223	118.344	ug/l	98
58) 2-Hexanone	10.805	43	681859	115.426	ug/l	97
59) Dibromochloromethane	10.963	129	97045	19.589	ug/l	100
60) 1,2-Dibromoethane	11.078	107	110708	21.974	ug/l	100
63) Tetrachloroethene	10.658	164	89097	19.416	ug/l	94
64) Chlorobenzene	11.575	112	366394	20.959	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.662	131	96619	20.235	ug/l	96
66) Ethyl Benzene	11.665	91	593255	20.324	ug/l	99
67) m/p-Xylenes	11.797	106	476333	40.845	ug/l	100
68) o-Xylene	12.166	106	233546	20.630	ug/l	98
69) Styrene	12.182	104	392589	20.753	ug/l	98
70) Bromoform	12.362	173	51764	19.155	ug/l	98
72) Isopropylbenzene	12.512	105	565334	20.789	ug/l	100
73) N-amyl acetate	12.307	43	228996	21.238	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.795	83	171937	21.550	ug/l	99
75) 1,2,3-Trichloropropane	12.849	75	133833m	21.162	ug/l	
76) Bromobenzene	12.824	156	131674	20.923	ug/l	97
77) n-propylbenzene	12.898	91	673136	20.748	ug/l	99
78) 2-Chlorotoluene	12.994	91	371274	20.170	ug/l	99
79) 1,3,5-Trimethylbenzene	13.058	105	441824	20.777	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.567	75	40948	18.858	ug/l	91
81) 4-Chlorotoluene	13.100	91	382134	20.322	ug/l	98
82) tert-Butylbenzene	13.356	119	407204	21.053	ug/l	96
83) 1,2,4-Trimethylbenzene	13.405	105	434434	20.639	ug/l	100
84) sec-Butylbenzene	13.559	105	595542	20.762	ug/l	99
85) p-Isopropyltoluene	13.687	119	470241	20.106	ug/l	98
86) 1,3-Dichlorobenzene	13.680	146	247424	20.054	ug/l	99
87) 1,4-Dichlorobenzene	13.774	146	250779	20.251	ug/l	97
88) n-Butylbenzene	14.056	91	440070	20.415	ug/l	100
89) Hexachloroethane	14.361	117	61299	18.252	ug/l	92
90) 1,2-Dichlorobenzene	14.104	146	241533	20.844	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.791	75	23681	22.289	ug/l	92
92) 1,2,4-Trichlorobenzene	15.561	180	139130	20.079	ug/l	98
93) Hexachlorobutadiene	15.689	225	45905	20.390	ug/l	99
94) Naphthalene	15.846	128	482456	22.721	ug/l	99
95) 1,2,3-Trichlorobenzene	16.071	180	142098	21.601	ug/l	99

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

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