

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080625\
 Data File : VR026721.D
 Acq On : 6 Aug 2025 17:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/07/2025
 Supervised By :Semsettin Yesilyurt 08/07/2025

Quant Time: Aug 07 01:16:52 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	7.289	168	385640	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.319	114	690082	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.528	117	573252	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.732	152	284130	50.000	ug/l	-0.02

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.677	65	241058	49.388	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
34) Dibromofluoromethane	7.192	113	213640	50.054	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
49) Toluene-d8	10.023	98	834515	54.574	ug/l	-0.02
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.140%
61) 4-Bromofluorobenzene	12.663	95	237300	54.560	ug/l	-0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.120%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.657	85	123719	44.018	ug/l 95
3) Chloromethane	1.837	50	190199	45.525	ug/l 97
4) Vinyl Chloride	1.952	62	231734	54.279	ug/l 96
5) Bromomethane	2.292	94	116899	56.192	ug/l 93
6) Chloroethane	2.421	64	154791	56.310	ug/l 95
7) Trichlorofluoromethane	2.709	101	502938	65.358	ug/l 93
8) Diethyl Ether	3.069	74	160883	47.121	ug/l 97
9) 1,1,2-Trichlorotrifluo...	3.374	101	186692	44.973	ug/l # 72
10) Methyl Iodide	3.541	142	187568	46.817	ug/l 99
11) Tert butyl alcohol	4.314	59	164249	215.082	ug/l 100
12) 1,1-Dichloroethene	3.351	96	187412	45.685	ug/l 91
13) Acrolein	3.239	56	232895	208.629	ug/l 96
14) Allyl chloride	3.874	41	394587	48.892	ug/l # 91
15) Acrylonitrile	4.468	53	808051	266.562	ug/l 98
16) Acetone	3.431	43	557477	243.353	ug/l 93
17) Carbon Disulfide	3.634	76	229352	37.770	ug/l 98
18) Methyl Acetate	3.884	43	545349	57.038	ug/l 98
19) Methyl tert-butyl Ether	4.542	73	763205	46.489	ug/l 98
20) Methylene Chloride	4.076	84	247626	45.550	ug/l 92
21) trans-1,2-Dichloroethene	4.522	96	200747	44.515	ug/l 98
22) Diisopropyl ether	5.453	45	939003	49.651	ug/l 94
23) Vinyl Acetate	5.379	43	2845431	263.876	ug/l 95
24) 1,1-Dichloroethane	5.318	63	440133	45.956	ug/l 100
25) 2-Butanone	6.361	43	967324	272.816	ug/l 93
26) 2,2-Dichloropropane	6.342	77	268391	40.537	ug/l 99
27) cis-1,2-Dichloroethene	6.345	96	276015	47.574	ug/l 98
28) Bromochloromethane	6.733	49	158960	46.060	ug/l 99
29) Chloroform	6.945	83	416939	50.257	ug/l 94
30) Cyclohexane	7.260	56	341960	44.213	ug/l 91
31) 1,1,1-Trichloroethane	7.170	97	296332	49.448	ug/l 97
35) 1,1-Dichloropropene	7.420	75	272405	50.590	ug/l 99
36) Ethyl Acetate	6.477	43	323836	50.236	ug/l 98
37) Carbon Tetrachloride	7.394	117	224921	51.290	ug/l # 92
38) Methylcyclohexane	8.877	83	309028	50.138	ug/l 97
39) Benzene	7.696	78	975953	50.331	ug/l 99
40) Methacrylonitrile	6.711	41	209264	52.236	ug/l # 89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	256719	52.051	ug/l	97
42) Isopropyl Acetate	7.863	43	555200	53.564	ug/l	96
43) Trichloroethene	8.598	130	195248	52.358	ug/l	93
44) 1,2-Dichloropropane	8.912	63	239951	52.292	ug/l	94
45) Dibromomethane	9.009	93	137279	53.793	ug/l	96
46) Bromodichloromethane	9.233	83	276225	55.864	ug/l	96
47) Methyl methacrylate	9.021	41	268796	59.251	ug/l	97
48) 1,4-Dioxane	9.015	88	87195	1193.221	ug/l	95
50) 4-Methyl-2-Pentanone	9.907	43	1738955	321.351	ug/l	96
51) Toluene	10.100	92	566825	57.263	ug/l	98
52) t-1,3-Dichloropropene	10.356	75	254371	52.487	ug/l	90
53) cis-1,3-Dichloropropene	9.737	75	315478	54.270	ug/l	94
54) 1,1,2-Trichloroethane	10.562	97	221302	61.217	ug/l	96
55) Ethyl methacrylate	10.424	69	359809	60.270	ug/l	98
56) 1,3-Dichloropropane	10.722	76	355278	57.698	ug/l	99
57) 2-Chloroethyl Vinyl ether	9.573	63	108480	328.815	ug/l	100
58) 2-Hexanone	10.786	43	1181619	323.905	ug/l	99
59) Dibromochloromethane	10.947	129	182171	59.544	ug/l	96
60) 1,2-Dibromoethane	11.062	107	188418	60.559	ug/l	99
63) Tetrachloroethene	10.642	164	157365	50.251	ug/l	92
64) Chlorobenzene	11.556	112	625938	52.466	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.643	131	173917	53.372	ug/l	98
66) Ethyl Benzene	11.649	91	1061861	53.305	ug/l	97
67) m/p-Xylenes	11.775	106	837119	105.184	ug/l	99
68) o-Xylene	12.147	106	411693	53.289	ug/l	97
69) Styrene	12.163	104	701480	54.336	ug/l	98
70) Bromoform	12.346	173	107761	58.433	ug/l #	99
72) Isopropylbenzene	12.493	105	994165	49.091	ug/l	99
73) N-amyl acetate	12.291	43	407159	50.707	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.779	83	305231	51.370	ug/l	100
75) 1,2,3-Trichloropropane	12.834	75	240332m	51.029	ug/l	
76) Bromobenzene	12.808	156	233405	49.803	ug/l	95
77) n-propylbenzene	12.882	91	1194978	49.458	ug/l	100
78) 2-Chlorotoluene	12.972	91	644184	46.993	ug/l	95
79) 1,3,5-Trimethylbenzene	13.039	105	777625	49.104	ug/l	98
80) trans-1,4-Dichloro-2-b...	12.545	75	73108	45.211	ug/l	92
81) 4-Chlorotoluene	13.084	91	670752	47.899	ug/l	98
82) tert-Butylbenzene	13.341	119	711283	49.380	ug/l	98
83) 1,2,4-Trimethylbenzene	13.389	105	809536	51.642	ug/l	100
84) sec-Butylbenzene	13.539	105	1095114	51.265	ug/l	99
85) p-Isopropyltoluene	13.671	119	916827	52.639	ug/l	99
86) 1,3-Dichlorobenzene	13.661	146	468412	50.980	ug/l	98
87) 1,4-Dichlorobenzene	13.754	146	473843	51.381	ug/l	96
88) n-Butylbenzene	14.040	91	807939	50.329	ug/l	99
89) Hexachloroethane	14.342	117	123181	49.250	ug/l	95
90) 1,2-Dichlorobenzene	14.082	146	449629	52.103	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.778	75	41569	52.538	ug/l	92
92) 1,2,4-Trichlorobenzene	15.545	180	273422	52.988	ug/l	98
93) Hexachlorobutadiene	15.667	225	82228	49.045	ug/l	97
94) Naphthalene	15.821	128	853294	53.962	ug/l	100
95) 1,2,3-Trichlorobenzene	16.046	180	266660	54.433	ug/l	98

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

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