

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026697.D
 Acq On : 4 Aug 2025 14:51
 Operator : SY/MD
 Sample : VR0804WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0804WBS01

Quant Time: Aug 05 02:46:46 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	7.308	168	627730	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.335	114	1133477	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.544	117	843530	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.748	152	380461	50.000	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.693	65	394841	49.697	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
34) Dibromofluoromethane	7.208	113	342476	48.851	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
49) Toluene-d8	10.039	98	1287655	51.267	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.540%
61) 4-Bromofluorobenzene	12.676	95	358359	50.163	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.670	85	92213	20.156	ug/l	98
3) Chloromethane	1.849	50	142994	21.027	ug/l	99
4) Vinyl Chloride	1.962	62	145513	20.939	ug/l	94
5) Bromomethane	2.312	94	75145	22.191	ug/l	99
6) Chloroethane	2.437	64	93944	20.995	ug/l	99
7) Trichlorofluoromethane	2.722	101	277155	22.127	ug/l	98
8) Diethyl Ether	3.085	74	113787	20.474	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.390	101	140482	20.790	ug/l #	75
10) Methyl Iodide	3.553	142	126862	19.453	ug/l	99
11) Tert butyl alcohol	4.330	59	129682	104.325	ug/l #	82
12) 1,1-Dichloroethene	3.364	96	139794	20.935	ug/l	96
13) Acrolein	3.252	56	182598	100.489	ug/l	98
14) Allyl chloride	3.897	41	275856	20.999	ug/l	94
15) Acrylonitrile	4.487	53	535499	108.524	ug/l	98
16) Acetone	3.444	43	402287	107.884	ug/l	99
17) Carbon Disulfide	3.650	76	180994	18.311	ug/l	100
18) Methyl Acetate	3.903	43	338648	21.759	ug/l	99
19) Methyl tert-butyl Ether	4.558	73	542485	20.300	ug/l	98
20) Methylene Chloride	4.096	84	178447	20.165	ug/l	93
21) trans-1,2-Dichloroethene	4.535	96	141828	19.321	ug/l	97
22) Diisopropyl ether	5.475	45	645799	20.978	ug/l #	94
23) Vinyl Acetate	5.398	43	1939780	110.513	ug/l	94
24) 1,1-Dichloroethane	5.338	63	310029	19.887	ug/l	97
25) 2-Butanone	6.380	43	634967	110.016	ug/l	96
26) 2,2-Dichloropropane	6.358	77	217744	20.204	ug/l	100
27) cis-1,2-Dichloroethene	6.361	96	188288	19.937	ug/l	96
28) Bromochloromethane	6.753	49	110373	19.648	ug/l	99
29) Chloroform	6.964	83	281408	20.839	ug/l	92
30) Cyclohexane	7.285	56	252746	20.075	ug/l	90
31) 1,1,1-Trichloroethane	7.189	97	195066	19.997	ug/l	98
35) 1,1-Dichloropropene	7.439	75	177808	20.104	ug/l	96
36) Ethyl Acetate	6.489	43	207302	19.579	ug/l #	94
37) Carbon Tetrachloride	7.414	117	137973	19.155	ug/l	90
38) Methylcyclohexane	8.893	83	202930	20.045	ug/l	98
39) Benzene	7.715	78	643731	20.212	ug/l	99
40) Methacrylonitrile	6.737	41	136831	20.795	ug/l #	62

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026697.D
 Acq On : 4 Aug 2025 14:51
 Operator : SY/MD
 Sample : VR0804WBS01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VR0804WBS01

Quant Time: Aug 05 02:46:46 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)
41) 1,2-Dichloroethane	7.802	62	164623	20.321	ug/l	100
42) Isopropyl Acetate	7.876	43	355425	20.877	ug/l	98
43) Trichloroethene	8.611	130	125343	20.464	ug/l	85
44) 1,2-Dichloropropane	8.928	63	154857	20.546	ug/l	94
45) Dibromomethane	9.028	93	83482	19.916	ug/l	97
46) Bromodichloromethane	9.252	83	163603	20.144	ug/l	89
47) Methyl methacrylate	9.037	41	164351	22.056	ug/l	96
48) 1,4-Dioxane	9.037	88	51379	428.058	ug/l	96
50) 4-Methyl-2-Pentanone	9.923	43	973520	109.528	ug/l	96
51) Toluene	10.116	92	339187	20.862	ug/l	96
52) t-1,3-Dichloropropene	10.375	75	157711	19.812	ug/l	94
53) cis-1,3-Dichloropropene	9.750	75	192810	20.193	ug/l	96
54) 1,1,2-Trichloroethane	10.574	97	123048	20.723	ug/l	96
55) Ethyl methacrylate	10.436	69	205312	20.938	ug/l	99
56) 1,3-Dichloropropane	10.738	76	201470	19.920	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.593	63	56426	104.128	ug/l	100
58) 2-Hexanone	10.802	43	647665	108.088	ug/l	99
59) Dibromochloromethane	10.963	129	98275	19.557	ug/l	98
60) 1,2-Dibromoethane	11.075	107	108305	21.193	ug/l	99
63) Tetrachloroethene	10.658	164	92616	20.099	ug/l	99
64) Chlorobenzene	11.572	112	358767	20.436	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.662	131	97057	20.242	ug/l	97
66) Ethyl Benzene	11.665	91	583675	19.912	ug/l	98
67) m/p-Xylenes	11.791	106	476738	40.709	ug/l	99
68) o-Xylene	12.160	106	232428	20.446	ug/l	100
69) Styrene	12.182	104	386708	20.356	ug/l	100
70) Bromoform	12.365	173	52972	19.520	ug/l #	95
72) Isopropylbenzene	12.513	105	557454	20.557	ug/l	99
73) N-amyl acetate	12.304	43	220639	20.521	ug/l	99
74) 1,1,2,2-Tetrachloroethane	12.789	83	165491	20.800	ug/l	99
75) 1,2,3-Trichloropropane	12.853	75	125370	19.879	ug/l #	100
76) Bromobenzene	12.817	156	125815	20.048	ug/l	96
77) n-propylbenzene	12.898	91	681693	21.071	ug/l	100
78) 2-Chlorotoluene	12.988	91	377675	20.575	ug/l	100
79) 1,3,5-Trimethylbenzene	13.058	105	433003	20.420	ug/l	100
80) trans-1,4-Dichloro-2-b...	12.561	75	38362	17.717	ug/l #	84
81) 4-Chlorotoluene	13.103	91	380327	20.283	ug/l	98
82) tert-Butylbenzene	13.353	119	402486	20.867	ug/l	97
83) 1,2,4-Trimethylbenzene	13.405	105	431985	20.580	ug/l	99
84) sec-Butylbenzene	13.559	105	596374	20.849	ug/l	99
85) p-Isopropyltoluene	13.687	119	468407	20.084	ug/l	99
86) 1,3-Dichlorobenzene	13.681	146	249406	20.272	ug/l	99
87) 1,4-Dichlorobenzene	13.774	146	247511	20.043	ug/l	97
88) n-Butylbenzene	14.056	91	436609	20.311	ug/l	99
89) Hexachloroethane	14.355	117	67225	20.073	ug/l	100
90) 1,2-Dichlorobenzene	14.101	146	240266	20.793	ug/l	97
91) 1,2-Dibromo-3-Chloropr...	14.794	75	22025	20.789	ug/l	91
92) 1,2,4-Trichlorobenzene	15.558	180	137797	19.943	ug/l	99
93) Hexachlorobutadiene	15.686	225	42634	18.991	ug/l	94
94) Naphthalene	15.847	128	438012	20.686	ug/l	99
95) 1,2,3-Trichlorobenzene	16.071	180	132051	20.130	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
Data File : VR026697.D
Acq On : 4 Aug 2025 14:51
Operator : SY/MD
Sample : VR0804WBS01
Misc : 5mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VR0804WBS01

Quant Time: Aug 05 02:46:46 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)

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

