

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039009.D
 Acq On : 22 Aug 2025 09:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 02:18:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	735484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	1263798	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1133330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	587247	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	484915	46.987	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	93.980%
35) Dibromofluoromethane	4.497	113	420445	44.361	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	88.720%
50) Toluene-d8	7.233	98	1459428	44.158	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.320%#
62) 4-Bromofluorobenzene	9.998	95	559387	46.267	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	92.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	441905	40.193	ug/l	98
3) Chloromethane	1.230	50	430616	37.917	ug/l	99
4) Vinyl Chloride	1.294	62	508177	42.408	ug/l	97
5) Bromomethane	1.491	94	255375	39.434	ug/l	98
6) Chloroethane	1.558	64	344904	56.484	ug/l	99
7) Trichlorofluoromethane	1.722	101	772663	47.068	ug/l	99
8) Diethyl Ether	1.915	74	304837	60.384	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.079	101	470637	51.939	ug/l	93
10) Methyl Iodide	2.195	142	536425	47.582	ug/l	95
11) Tert butyl alcohol	2.561	59	457639	327.635	ug/l	99
12) 1,1-Dichloroethene	2.079	96	446677	53.512	ug/l	92
13) Acrolein	2.005	56	152831	344.609	ug/l	94
14) Allyl chloride	2.356	41	707837	63.512	ug/l	92
15) Acrylonitrile	2.671	53	1330781	315.255	ug/l	99
16) Acetone	2.114	43	1346373	325.050	ug/l	100
17) Carbon Disulfide	2.249	76	1315411	56.658	ug/l	99
18) Methyl Acetate	2.375	43	589312	67.125	ug/l	93
19) Methyl tert-butyl Ether	2.706	73	1535103	62.196	ug/l	97
20) Methylene Chloride	2.455	84	491090	51.019	ug/l	93
21) trans-1,2-Dichloroethene	2.700	96	463055	53.261	ug/l	96
22) Diisopropyl ether	3.208	45	1467999	59.993	ug/l	97
23) Vinyl Acetate	3.182	43	6226543	317.129	ug/l	96
24) 1,1-Dichloroethane	3.118	63	838824	51.751	ug/l	97
25) 2-Butanone	3.854	43	1690277	313.639	ug/l	98
26) 2,2-Dichloropropane	3.809	77	744857	47.904	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	552593	52.661	ug/l	96
28) Bromochloromethane	4.143	49	203759	58.409	ug/l	85
29) Tetrahydrofuran	4.227	42	1097751	305.143	ug/l	91
30) Chloroform	4.275	83	866770	46.795	ug/l	99
31) Cyclohexane	4.580	56	765473	52.931	ug/l	92
32) 1,1,1-Trichloroethane	4.510	97	785698	45.149	ug/l	98
36) 1,1-Dichloropropene	4.741	75	594967	48.338	ug/l	97
37) Ethyl Acetate	3.966	43	648648	53.938	ug/l	97
38) Carbon Tetrachloride	4.732	117	665125	40.352	ug/l	99
39) Methylcyclohexane	6.043	83	822584	52.302	ug/l	96
40) Benzene	5.005	78	1868498	48.468	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	294356	64.957	ug/l	92
42) 1,2-Dichloroethane	5.037	62	619719	43.971	ug/l	99
43) Isopropyl Acetate	5.185	43	1042203	56.797	ug/l	98
44) Trichloroethene	5.828	130	474890	45.413	ug/l	92
45) 1,2-Dichloropropane	6.085	63	468870	50.712	ug/l	100
46) Dibromomethane	6.224	93	347391	44.778	ug/l	97
47) Bromodichloromethane	6.423	83	709496	44.936	ug/l	98
48) Methyl methacrylate	6.291	41	494597	60.130	ug/l	91
49) 1,4-Dioxane	6.285	88	173330	1260.263	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	3375418	280.159	ug/l	99
52) Toluene	7.307	92	1190743	48.770	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	742660	50.315	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	787540	51.496	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	474162	44.541	ug/l	99
56) Ethyl methacrylate	7.712	69	764269	47.517	ug/l	99
57) 1,3-Dichloropropane	7.931	76	790543	47.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.805	63	1966238	261.458	ug/l	95
59) 2-Hexanone	8.059	43	2499458	218.888	ug/l	100
60) Dibromochloromethane	8.166	129	557546	43.375	ug/l	100
61) 1,2-Dibromoethane	8.272	107	516305	46.749	ug/l	98
64) Tetrachloroethene	7.895	164	394392	46.768	ug/l	98
65) Chlorobenzene	8.802	112	1309485	47.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	457543	46.644	ug/l	99
67) Ethyl Benzene	8.934	91	2268847	54.389	ug/l	100
68) m/p-Xylenes	9.059	106	1745146	107.718	ug/l	100
69) o-Xylene	9.465	106	834605	56.520	ug/l	100
70) Styrene	9.484	104	1410898	55.692	ug/l	99
71) Bromoform	9.651	173	383518	47.453	ug/l	99
73) Isopropylbenzene	9.854	105	2218800	56.306	ug/l	100
74) N-amyl acetate	9.722	43	929708	64.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	751652	48.029	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	557967	51.224	ug/l	97
77) Bromobenzene	10.140	156	521786	51.537	ug/l	97
78) n-propylbenzene	10.275	91	2687980	57.132	ug/l	100
79) 2-Chlorotoluene	10.346	91	1660553	58.783	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	1955734	58.975	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	269045	56.708	ug/l	99
82) 4-Chlorotoluene	10.461	91	1903644	58.468	ug/l	98
83) tert-Butylbenzene	10.789	119	1932135	58.676	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1930325	60.825	ug/l	98
85) sec-Butylbenzene	11.011	105	2512016	58.658	ug/l	99
86) p-Isopropyltoluene	11.165	119	2083608	57.774	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1024298	51.235	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1038812	48.711	ug/l	100
89) n-Butylbenzene	11.580	91	1881120	53.537	ug/l	99
90) Hexachloroethane	11.821	117	379173	45.493	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	948293	49.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	160839	52.843	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	612379	53.831	ug/l	99
94) Hexachlorobutadiene	13.368	225	257257	43.866	ug/l	98
95) Naphthalene	13.423	128	2231593	62.163	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	635892	55.437	ug/l	100

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

