

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047482.D
 Acq On : 21 Aug 2025 19:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 22 03:54:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	203508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	347107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	177944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163787	57.506	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.020%
35) Dibromofluoromethane	5.397	113	126140	51.954	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.900%
50) Toluene-d8	8.653	98	434210	50.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	173790	54.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.540%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	116203	44.792	ug/l	99
3) Chloromethane	1.307	50	125493	53.773	ug/l	94
4) Vinyl Chloride	1.392	62	139060	47.473	ug/l #	58
5) Bromomethane	1.624	94	41202	34.823	ug/l	99
6) Chloroethane	1.703	64	92654	51.698	ug/l	99
7) Trichlorofluoromethane	1.904	101	198853	45.895	ug/l	100
8) Diethyl Ether	2.148	74	82174	53.862	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	116583	46.385	ug/l	98
10) Methyl Iodide	2.471	142	155837	36.181	ug/l	98
11) Tert butyl alcohol	2.965	59	77133	311.304	ug/l	100
12) 1,1-Dichloroethene	2.337	96	123905	48.356	ug/l	97
13) Acrolein	2.251	56	110724	211.693	ug/l	97
14) Allyl chloride	2.678	41	222461	49.986	ug/l	96
15) Acrylonitrile	3.081	53	336721	281.237	ug/l	99
16) Acetone	2.392	43	269115	251.376	ug/l	99
17) Carbon Disulfide	2.532	76	385106	49.806	ug/l	99
18) Methyl Acetate	2.715	43	174942	63.059	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	431091	55.303	ug/l	100
20) Methylene Chloride	2.806	84	149064	52.582	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	135366	49.775	ug/l	100
22) Diisopropyl ether	3.769	45	499977	56.834	ug/l	90
23) Vinyl Acetate	3.733	43	2057271	285.317	ug/l	99
24) 1,1-Dichloroethane	3.623	63	262258	52.743	ug/l	99
25) 2-Butanone	4.568	43	416240	296.869	ug/l	99
26) 2,2-Dichloropropane	4.489	77	144927	38.617	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	167367	52.838	ug/l	95
28) Bromochloromethane	4.910	49	117090	56.589	ug/l	100
29) Tetrahydrofuran	5.025	42	263502	290.767	ug/l	99
30) Chloroform	5.105	83	270891	53.381	ug/l	97
31) Cyclohexane	5.483	56	209640	45.736	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	219875	50.339	ug/l	99
36) 1,1-Dichloropropene	5.702	75	170855	44.579	ug/l	98
37) Ethyl Acetate	4.727	43	193276	48.576	ug/l	99
38) Carbon Tetrachloride	5.690	117	188933	45.110	ug/l	100
39) Methylcyclohexane	7.385	83	197288	41.268	ug/l	97
40) Benzene	6.050	78	562693	49.050	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	88335	52.647	ug/l	98
42) 1,2-Dichloroethane	6.098	62	205534	50.581	ug/l	100
43) Isopropyl Acetate	6.348	43	302464	52.915	ug/l	99
44) Trichloroethene	7.129	130	137522	46.817	ug/l	100
45) 1,2-Dichloropropane	7.433	63	145306	50.560	ug/l	98
46) Dibromomethane	7.586	93	105024	50.336	ug/l	100
47) Bromodichloromethane	7.824	83	219052	50.643	ug/l	98
48) Methyl methacrylate	7.696	41	155322	52.350	ug/l	99
49) 1,4-Dioxane	7.689	88	33954	1177.210	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	900897	273.885	ug/l	98
52) Toluene	8.720	92	342001	48.246	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	185644	49.177	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	206681	48.370	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	137844	51.216	ug/l	99
56) Ethyl methacrylate	9.116	69	213695	53.853	ug/l	99
57) 1,3-Dichloropropane	9.305	76	240664	52.476	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	415948	220.537	ug/l	99
59) 2-Hexanone	9.433	43	610652	268.383	ug/l	99
60) Dibromochloromethane	9.518	129	163979	51.267	ug/l	100
61) 1,2-Dibromoethane	9.610	107	143934	51.861	ug/l	99
64) Tetrachloroethene	9.275	164	110884	44.165	ug/l	98
65) Chlorobenzene	10.079	112	383587	46.503	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	134186	48.123	ug/l	99
67) Ethyl Benzene	10.195	91	666993	46.981	ug/l	100
68) m/p-Xylenes	10.299	106	497791	94.034	ug/l	98
69) o-Xylene	10.640	106	240633	47.235	ug/l	99
70) Styrene	10.652	104	417565	48.510	ug/l	100
71) Bromoform	10.799	173	105881	50.545	ug/l #	98
73) Isopropylbenzene	10.963	105	625824	44.943	ug/l	100
74) N-amyl acetate	10.841	43	266126	50.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	196970	48.177	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	154493m	47.337	ug/l	
77) Bromobenzene	11.195	156	157651	46.363	ug/l	99
78) n-propylbenzene	11.305	91	736140	44.264	ug/l	100
79) 2-Chlorotoluene	11.360	91	451274	44.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	512919	44.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26975	38.141	ug/l	98
82) 4-Chlorotoluene	11.451	91	522393	44.081	ug/l	100
83) tert-Butylbenzene	11.713	119	511192	44.721	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	518154	45.224	ug/l	99
85) sec-Butylbenzene	11.890	105	627385	44.282	ug/l	99
86) p-Isopropyltoluene	12.006	119	523116	43.633	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	286432	44.094	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	289781	43.373	ug/l	100
89) n-Butylbenzene	12.329	91	471832	42.313	ug/l	100
90) Hexachloroethane	12.536	117	89635	42.618	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	277859	45.065	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	38362	48.518	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	180563	43.683	ug/l	98
94) Hexachlorobutadiene	13.719	225	55480	37.708	ug/l	98
95) Naphthalene	13.774	128	591718	50.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	172960	44.391	ug/l	99

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

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