

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047548.D
 Acq On : 28 Aug 2025 14:07
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 29 02:04:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	249582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	465466	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	238780	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	2290	0.838	ug/l	88
3) Chloromethane	1.307	50	3141	1.052	ug/l #	81
4) Vinyl Chloride	1.392	62	3223	0.918	ug/l	97
6) Chloroethane	1.709	64	2687	1.205	ug/l	93
7) Trichlorofluoromethane	1.910	101	4485	0.899	ug/l	94
8) Diethyl Ether	2.148	74	1865	0.942	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.349	101	2819	0.948	ug/l	97
12) 1,1-Dichloroethene	2.337	96	3080	0.977	ug/l #	73
14) Allyl chloride	2.684	41	5603	0.970	ug/l	98
15) Acrylonitrile	3.099	53	6643	4.214	ug/l	98
16) Acetone	2.392	43	9296	6.124	ug/l	96
17) Carbon Disulfide	2.532	76	9657	1.030	ug/l	99
18) Methyl Acetate	2.715	43	3624	0.968	ug/l	98
19) Methyl tert-butyl Ether	3.130	73	9267	0.901	ug/l #	86
20) Methylene Chloride	2.806	84	4234	1.096	ug/l	90
21) trans-1,2-Dichloroethene	3.111	96	2918	0.870	ug/l	88
22) Diisopropyl ether	3.770	45	10446	0.898	ug/l #	24
23) Vinyl Acetate	3.745	43	36669	3.872	ug/l	97
24) 1,1-Dichloroethane	3.636	63	6077	0.940	ug/l #	88
25) 2-Butanone	4.605	43	9221	4.616	ug/l	96
26) 2,2-Dichloropropane	4.483	77	4319	0.925	ug/l #	73
27) cis-1,2-Dichloroethene	4.519	96	3738	0.915	ug/l	85
28) Bromochloromethane	4.922	49	2395	0.859	ug/l #	67
29) Tetrahydrofuran	5.038	42	5605	4.521	ug/l #	81
30) Chloroform	5.099	83	6226	0.946	ug/l #	77
32) 1,1,1-Trichloroethane	5.404	97	4815	0.898	ug/l #	45
36) 1,1-Dichloropropene	5.714	75	3980	0.875	ug/l	96
37) Ethyl Acetate	4.751	43	3727	0.832	ug/l #	78
38) Carbon Tetrachloride	5.684	117	5397	1.070	ug/l #	75
39) Methylcyclohexane	7.385	83	4529	0.864	ug/l	87
40) Benzene	6.050	78	13896	0.957	ug/l	94
41) Methacrylonitrile	4.965	41	1822m	0.859	ug/l	
42) 1,2-Dichloroethane	6.105	62	4885	0.935	ug/l	87
43) Isopropyl Acetate	6.367	43	5059	0.703	ug/l #	77
44) Trichloroethene	7.147	130	3404m	0.947	ug/l	
45) 1,2-Dichloropropane	7.440	63	3321	0.908	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047548.D
 Acq On : 28 Aug 2025 14:07
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 29 02:04:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2402	0.892	ug/l	91
47) Bromodichloromethane	7.824	83	4945	0.898	ug/l	97
48) Methyl methacrylate	7.720	41	2649	0.715	ug/l	91
49) 1,4-Dioxane	7.696	88	522m	14.246	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	16837	3.958	ug/l	99
52) Toluene	8.720	92	7884	0.891	ug/l	100
53) t-1,3-Dichloropropene	8.994	75	3898	0.786	ug/l	89
54) cis-1,3-Dichloropropene	8.372	75	4555	0.829	ug/l #	59
55) 1,1,2-Trichloroethane	9.159	97	3239	0.939	ug/l #	75
56) Ethyl methacrylate	9.128	69	3840	0.752	ug/l #	76
57) 1,3-Dichloropropane	9.311	76	5455	0.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	7921	1.342	ug/l	98
59) 2-Hexanone	9.439	43	11533	3.968	ug/l	99
60) Dibromochloromethane	9.525	129	3806	0.923	ug/l	99
61) 1,2-Dibromoethane	9.616	107	2987	0.851	ug/l	99
64) Tetrachloroethene	9.275	164	2617	0.855	ug/l	88
65) Chlorobenzene	10.079	112	9848	0.920	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	3234	0.891	ug/l #	66
67) Ethyl Benzene	10.195	91	15338	0.853	ug/l	100
68) m/p-Xylenes	10.305	106	11147	1.669	ug/l	96
69) o-Xylene	10.646	106	4969	0.772	ug/l	97
70) Styrene	10.659	104	8619	0.772	ug/l	98
71) Bromoform	10.805	173	2362	0.855	ug/l #	99
73) Isopropylbenzene	10.963	105	13028	0.741	ug/l	100
74) N-amyl acetate	10.848	43	4955m	0.683	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.207	83	4593	0.827	ug/l	92
76) 1,2,3-Trichloropropane	11.238	75	2981m	0.683	ug/l	
77) Bromobenzene	11.201	156	3570	0.794	ug/l	96
78) n-propylbenzene	11.305	91	15806	0.756	ug/l	100
79) 2-Chlorotoluene	11.366	91	10486	0.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	10335	0.719	ug/l	92
82) 4-Chlorotoluene	11.457	91	12652	0.831	ug/l	96
83) tert-Butylbenzene	11.713	119	11123	0.768	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	10731	0.733	ug/l	97
85) sec-Butylbenzene	11.890	105	13611	0.781	ug/l	100
86) p-Isopropyltoluene	12.006	119	11028	0.755	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	6854	0.818	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	7992m	0.924	ug/l	
89) n-Butylbenzene	12.329	91	10608	0.787	ug/l	99
90) Hexachloroethane	12.542	117	2083	0.776	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	7188	0.875	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	709	0.692	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	3974	0.794	ug/l	97
94) Hexachlorobutadiene	13.725	225	1946	1.119	ug/l	89
95) Naphthalene	13.780	128	10080	0.689	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	3824	0.813	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047548.D
 Acq On : 28 Aug 2025 14:07
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 29 02:04:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

