

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048407.D
 Acq On : 29 Oct 2025 11:12
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:18:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	158565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	284044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129002	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	1.173	85	1549	0.958	ug/l	100
3) Chloromethane	1.301	50	1162	1.273	ug/l	91
4) Vinyl Chloride	1.380	62	2027	0.962	ug/l #	85
6) Chloroethane	1.703	64	1283	1.023	ug/l #	88
7) Trichlorofluoromethane	1.898	101	3121	0.966	ug/l	97
8) Diethyl Ether	2.136	74	1165	0.998	ug/l	62
9) 1,1,2-Trichlorotrifluo...	2.337	101	1719	0.946	ug/l	95
12) 1,1-Dichloroethene	2.325	96	1818	0.985	ug/l	85
14) Allyl chloride	2.666	41	3412	1.092	ug/l	96
15) Acrylonitrile	3.062	53	3987	5.016	ug/l	93
16) Acetone	2.373	43	2795	5.408	ug/l #	85
17) Carbon Disulfide	2.514	76	5933	1.121	ug/l #	89
18) Methyl Acetate	2.709	43	1832	1.060	ug/l #	86
19) Methyl tert-butyl Ether	3.105	73	6239	1.056	ug/l	97
20) Methylene Chloride	2.788	84	2094	1.051	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	1948	0.994	ug/l	89
22) Diisopropyl ether	3.757	45	6050	0.946	ug/l	94
23) Vinyl Acetate	3.721	43	23043	5.291	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3584	0.987	ug/l	97
25) 2-Butanone	4.556	43	4076	4.937	ug/l #	89
26) 2,2-Dichloropropane	4.465	77	3304	1.057	ug/l	89
27) cis-1,2-Dichloroethene	4.483	96	2398	1.025	ug/l	95
28) Bromochloromethane	4.891	49	1476	0.897	ug/l #	94
29) Tetrahydrofuran	5.001	42	3062	5.208	ug/l #	67
30) Chloroform	5.086	83	3806	1.019	ug/l #	82
32) 1,1,1-Trichloroethane	5.367	97	3267	0.991	ug/l #	50
36) 1,1-Dichloropropene	5.684	75	2737	1.006	ug/l	93
37) Ethyl Acetate	4.727	43	2068m	0.893	ug/l	
38) Carbon Tetrachloride	5.678	117	3286	1.047	ug/l #	83
39) Methylcyclohexane	7.367	83	3285	0.939	ug/l	96
40) Benzene	6.025	78	7935	0.955	ug/l	95
41) Methacrylonitrile	4.922	41	1107	0.949	ug/l #	82
42) 1,2-Dichloroethane	6.080	62	2962	1.012	ug/l	84
43) Isopropyl Acetate	6.330	43	3721	0.973	ug/l #	90
44) Trichloroethene	7.110	130	2075	0.953	ug/l	71
45) 1,2-Dichloropropane	7.421	63	2087	1.006	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.568	93	1390	0.957	ug/l	87
47) Bromodichloromethane	7.805	83	3077	0.997	ug/l	93
48) Methyl methacrylate	7.684	41	1596	0.856	ug/l	97
49) 1,4-Dioxane	7.665	88	305	14.384	ug/l #	69
51) 4-Methyl-2-Pentanone	8.561	43	10398	4.884	ug/l	99
52) Toluene	8.702	92	4908	0.945	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	2630	0.940	ug/l #	83
54) cis-1,3-Dichloropropene	8.348	75	3118	1.035	ug/l #	60
55) 1,1,2-Trichloroethane	9.134	97	1867	0.994	ug/l	94
56) Ethyl methacrylate	9.104	69	2480	0.902	ug/l	98
57) 1,3-Dichloropropane	9.293	76	3283	1.008	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.232	63	4120	11.715	ug/l	100
59) 2-Hexanone	9.415	43	6222	4.492	ug/l	100
60) Dibromochloromethane	9.506	129	2303	0.991	ug/l	97
61) 1,2-Dibromoethane	9.598	107	1932	0.994	ug/l	99
64) Tetrachloroethene	9.256	164	2244	1.076	ug/l	92
65) Chlorobenzene	10.067	112	5883	0.986	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.153	131	1866	0.919	ug/l #	60
67) Ethyl Benzene	10.177	91	9455	0.941	ug/l	93
68) m/p-Xylenes	10.287	106	6869	1.805	ug/l	98
69) o-Xylene	10.622	106	3294	0.906	ug/l	86
70) Styrene	10.640	104	5486	0.891	ug/l	96
71) Bromoform	10.787	173	1471	1.002	ug/l #	90
73) Isopropylbenzene	10.945	105	8700	0.912	ug/l	99
74) N-amyl acetate	10.829	43	3032	0.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	2360	0.976	ug/l	97
76) 1,2,3-Trichloropropane	11.226	75	1592m	0.791	ug/l	
77) Bromobenzene	11.183	156	2263	0.960	ug/l	97
78) n-propylbenzene	11.287	91	9988	0.886	ug/l	91
79) 2-Chlorotoluene	11.348	91	6513	0.962	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	6812	0.871	ug/l	94
82) 4-Chlorotoluene	11.439	91	7437	0.934	ug/l	99
83) tert-Butylbenzene	11.695	119	7219	0.907	ug/l	97
84) 1,2,4-Trimethylbenzene	11.738	105	6657	0.860	ug/l	96
85) sec-Butylbenzene	11.872	105	8718	0.879	ug/l	99
86) p-Isopropyltoluene	11.994	119	7263	0.866	ug/l	88
87) 1,3-Dichlorobenzene	11.951	146	4931	1.095	ug/l	95
88) 1,4-Dichlorobenzene	12.024	146	5027m	1.096	ug/l	
89) n-Butylbenzene	12.317	91	7462	0.948	ug/l	100
90) Hexachloroethane	12.518	117	1343	0.911	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	4175	1.001	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.920	75	468	0.989	ug/l	89
93) 1,2,4-Trichlorobenzene	13.573	180	2942	1.022	ug/l	96
94) Hexachlorobutadiene	13.707	225	1309	1.084	ug/l	96
95) Naphthalene	13.756	128	6652	0.915	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	2531	0.968	ug/l	90

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

