

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112525\
 Data File : VX048676.D
 Acq On : 25 Nov 2025 11:32
 Operator : JC/MD
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2025
 Supervised By : Mahesh Dadoda 11/26/2025

Quant Time: Nov 26 00:58:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	139001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	230811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	191887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	99521	51.382	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.760%			
35) Dibromofluoromethane	5.367	113	79480	45.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.000%			
50) Toluene-d8	8.628	98	260823	47.872	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.061	95	86472	42.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	23083	20.494	ug/l	97
3) Chloromethane	1.300	50	26381	17.659	ug/l	98
4) Vinyl Chloride	1.380	62	29864	17.656	ug/l	97
5) Bromomethane	1.617	94	22313	20.891	ug/l	99
6) Chloroethane	1.697	64	20522	18.527	ug/l	97
7) Trichlorofluoromethane	1.898	101	51397	19.207	ug/l	99
8) Diethyl Ether	2.130	74	20799	19.364	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	32141	20.748	ug/l	98
10) Methyl Iodide	2.453	142	40831	17.810	ug/l	96
11) Tert butyl alcohol	2.934	59	41444	112.922	ug/l	99
12) 1,1-Dichloroethene	2.325	96	29454	18.203	ug/l	89
13) Acrolein	2.233	56	5497	103.518	ug/l	87
14) Allyl chloride	2.666	41	59328	19.693	ug/l	94
15) Acrylonitrile	3.050	53	124861	116.540	ug/l	99
16) Acetone	2.367	43	94719	103.312	ug/l	97
17) Carbon Disulfide	2.514	76	71507	15.704	ug/l	98
18) Methyl Acetate	2.690	43	57725	22.911	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	127528	22.318	ug/l	98
20) Methylene Chloride	2.788	84	37214	19.743	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	33160	19.335	ug/l	97
22) Diisopropyl ether	3.745	45	130207	22.508	ug/l	91
23) Vinyl Acetate	3.709	43	552116	108.973	ug/l	98
24) 1,1-Dichloroethane	3.605	63	66990	21.104	ug/l	99
25) 2-Butanone	4.532	43	155874	114.927	ug/l	99
26) 2,2-Dichloropropane	4.465	77	56941	21.042	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	42734	20.385	ug/l	96
28) Bromochloromethane	4.885	49	33800	21.676	ug/l	93
29) Tetrahydrofuran	4.983	42	104975	108.520	ug/l	98
30) Chloroform	5.074	83	72224	22.040	ug/l	96
31) Cyclohexane	5.458	56	48171	18.521	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	62291	21.781	ug/l	99
36) 1,1-Dichloropropene	5.678	75	41522	17.750	ug/l	99
37) Ethyl Acetate	4.690	43	71525	21.722	ug/l	98
38) Carbon Tetrachloride	5.666	117	52501	19.716	ug/l	97
39) Methylcyclohexane	7.366	83	47828	18.210	ug/l	97
40) Benzene	6.019	78	139244	19.203	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	32676	22.565	ug/l	96
42) 1,2-Dichloroethane	6.068	62	54043	21.753	ug/l	98
43) Isopropyl Acetate	6.318	43	99982	21.601	ug/l	98
44) Trichloroethene	7.110	130	35692	20.593	ug/l	99
45) 1,2-Dichloropropane	7.415	63	36541	21.917	ug/l	99
46) Dibromomethane	7.562	93	27812	22.871	ug/l	95
47) Bromodichloromethane	7.805	83	58444	24.092	ug/l	96
48) Methyl methacrylate	7.671	41	47487	23.079	ug/l	95
49) 1,4-Dioxane	7.641	88	13774	439.327	ug/l #	96
51) 4-Methyl-2-Pentanone	8.555	43	333973	126.757	ug/l	96
52) Toluene	8.702	92	85610	22.425	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	56722	22.692	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	60716	23.458	ug/l	92
55) 1,1,2-Trichloroethane	9.134	97	34234	22.445	ug/l	93
56) Ethyl methacrylate	9.098	69	56402	22.227	ug/l	94
57) 1,3-Dichloropropane	9.293	76	58525	22.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	147264	107.942	ug/l	99
59) 2-Hexanone	9.415	43	227593	116.126	ug/l	94
60) Dibromochloromethane	9.500	129	43119	23.026	ug/l	99
61) 1,2-Dibromoethane	9.592	107	35807	21.675	ug/l	99
64) Tetrachloroethene	9.256	164	27769	19.924	ug/l	99
65) Chlorobenzene	10.061	112	90277	19.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	31656	20.744	ug/l	98
67) Ethyl Benzene	10.177	91	142030	18.571	ug/l	99
68) m/p-Xylenes	10.281	106	121615	42.221	ug/l	97
69) o-Xylene	10.622	106	53179	18.870	ug/l	97
70) Styrene	10.640	104	93989	19.881	ug/l	98
71) Bromoform	10.780	173	32037	22.755	ug/l #	100
73) Isopropylbenzene	10.945	105	142323	19.848	ug/l	98
74) N-amyl acetate	10.823	43	76811	21.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.195	83	54079	21.386	ug/l	100
76) 1,2,3-Trichloropropane	11.219	75	46956m	19.730	ug/l	
77) Bromobenzene	11.183	156	35986	19.435	ug/l	99
78) n-propylbenzene	11.286	91	185894	22.047	ug/l	99
79) 2-Chlorotoluene	11.347	91	114040	22.383	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	126137	21.578	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	15585	18.731	ug/l #	83
82) 4-Chlorotoluene	11.439	91	130166	21.780	ug/l	100
83) tert-Butylbenzene	11.695	119	115298	19.070	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	117832	19.978	ug/l	98
85) sec-Butylbenzene	11.872	105	139231	18.632	ug/l	99
86) p-Isopropyltoluene	11.988	119	132004	21.011	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	65421	18.851	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	68756	19.181	ug/l	99
89) n-Butylbenzene	12.311	91	127002	21.549	ug/l	99
90) Hexachloroethane	12.518	117	25052	20.929	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	73961	22.200	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	10885	18.523	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	36798	16.622	ug/l	99
94) Hexachlorobutadiene	13.707	225	15229	16.456	ug/l	97
95) Naphthalene	13.756	128	122589	17.223	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	35631	17.303	ug/l	99

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

