

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047853.D
 Acq On : 26 Sep 2025 13:22
 Operator : JC/MD
 Sample : VX0926WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 23:13:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	144034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	110929	48.384	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.760%		
35) Dibromofluoromethane	5.373	113	86109	51.827	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.660%		
50) Toluene-d8	8.635	98	291902	50.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.540%		
62) 4-Bromofluorobenzene	11.061	95	112793	51.696	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	32750	21.958	ug/l	97
3) Chloromethane	1.301	50	35895	18.312	ug/l	99
4) Vinyl Chloride	1.380	62	38550	20.090	ug/l	98
5) Bromomethane	1.618	94	26187	21.522	ug/l	99
6) Chloroethane	1.697	64	25201	19.650	ug/l	97
7) Trichlorofluoromethane	1.898	101	57612	20.221	ug/l	100
8) Diethyl Ether	2.136	74	22606	19.396	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	35716	21.439	ug/l	99
10) Methyl Iodide	2.459	142	38834	14.946	ug/l	100
11) Tert butyl alcohol	2.947	59	26011	101.868	ug/l	99
12) 1,1-Dichloroethene	2.325	96	32997	19.282	ug/l	92
13) Acrolein	2.239	56	19358	82.269	ug/l	99
14) Allyl chloride	2.666	41	63643	18.023	ug/l	98
15) Acrylonitrile	3.062	53	103619	109.557	ug/l	100
16) Acetone	2.373	43	92444	92.736	ug/l	96
17) Carbon Disulfide	2.514	76	87820	18.746	ug/l	97
18) Methyl Acetate	2.703	43	49073	22.120	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	121482	19.447	ug/l	97
20) Methylene Chloride	2.788	84	42247	20.022	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	35193	19.102	ug/l	97
22) Diisopropyl ether	3.751	45	133587	19.520	ug/l #	84
23) Vinyl Acetate	3.715	43	542827	99.105	ug/l	99
24) 1,1-Dichloroethane	3.605	63	70131	19.280	ug/l	99
25) 2-Butanone	4.544	43	134200	107.925	ug/l	98
26) 2,2-Dichloropropane	4.471	77	55755	18.439	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	43938	19.473	ug/l	98
28) Bromochloromethane	4.885	49	30782	19.384	ug/l	99
29) Tetrahydrofuran	4.989	42	83164	111.177	ug/l	98
30) Chloroform	5.080	83	73008	19.862	ug/l	95
31) Cyclohexane	5.458	56	59978	19.798	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	61768	19.811	ug/l	99
36) 1,1-Dichloropropene	5.684	75	47681	19.640	ug/l	97
37) Ethyl Acetate	4.696	43	53905	20.737	ug/l	97
38) Carbon Tetrachloride	5.666	117	53428	20.255	ug/l	99
39) Methylcyclohexane	7.373	83	57964	21.033	ug/l	94
40) Benzene	6.025	78	150096	20.355	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	29933	22.305	ug/l	97
42) 1,2-Dichloroethane	6.074	62	56084	19.990	ug/l	99
43) Isopropyl Acetate	6.330	43	88318	20.716	ug/l	99
44) Trichloroethene	7.110	130	36349	20.390	ug/l	93
45) 1,2-Dichloropropane	7.415	63	38980	20.645	ug/l	96
46) Dibromomethane	7.568	93	28815	20.971	ug/l	98
47) Bromodichloromethane	7.805	83	56503	19.928	ug/l	99
48) Methyl methacrylate	7.677	41	43520	20.494	ug/l	98
49) 1,4-Dioxane	7.647	88	11714	545.824	ug/l	99
51) 4-Methyl-2-Pentanone	8.561	43	273644	115.767	ug/l	99
52) Toluene	8.702	92	92659	20.396	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	55981	19.357	ug/l	96
54) cis-1,3-Dichloropropene	8.354	75	60744	19.651	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	37471	21.391	ug/l	97
56) Ethyl methacrylate	9.104	69	57082	20.749	ug/l	97
57) 1,3-Dichloropropane	9.293	76	64278	21.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	145625	117.422	ug/l	99
59) 2-Hexanone	9.415	43	191945	113.065	ug/l	99
60) Dibromochloromethane	9.506	129	42174	20.895	ug/l	100
61) 1,2-Dibromoethane	9.592	107	39377	22.069	ug/l	99
64) Tetrachloroethene	9.256	164	30060	20.607	ug/l	97
65) Chlorobenzene	10.061	112	101757	20.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	35705	20.354	ug/l	99
67) Ethyl Benzene	10.177	91	176435	20.115	ug/l	99
68) m/p-Xylenes	10.287	106	133093	40.767	ug/l	98
69) o-Xylene	10.628	106	63496	20.108	ug/l	99
70) Styrene	10.640	104	110415	19.956	ug/l	98
71) Bromoform	10.781	173	27925	21.320	ug/l #	97
73) Isopropylbenzene	10.945	105	167052	19.507	ug/l	100
74) N-amyl acetate	10.829	43	75647	19.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	55524	21.430	ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	42420m	18.600	ug/l	
77) Bromobenzene	11.183	156	41400	19.628	ug/l	97
78) n-propylbenzene	11.287	91	200541	19.810	ug/l	99
79) 2-Chlorotoluene	11.347	91	119199	19.225	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	137912	19.601	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	15676	17.529	ug/l	96
82) 4-Chlorotoluene	11.439	91	143731	19.628	ug/l	99
83) tert-Butylbenzene	11.695	119	139357	19.349	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	138391	19.401	ug/l	100
85) sec-Butylbenzene	11.872	105	172960	20.217	ug/l	99
86) p-Isopropyltoluene	11.994	119	142450	19.668	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	76233	19.459	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	78639	19.558	ug/l	99
89) n-Butylbenzene	12.317	91	135122	20.162	ug/l	98
90) Hexachloroethane	12.518	117	24592	19.339	ug/l	97
91) 1,2-Dichlorobenzene	12.317	146	73072	19.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10848	20.680	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	46311	19.092	ug/l	99
94) Hexachlorobutadiene	13.707	225	16087	19.525	ug/l	97
95) Naphthalene	13.756	128	141765	19.193	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	42616	18.887	ug/l	98

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

