

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100825\
 Data File : VX048063.D
 Acq On : 08 Oct 2025 10:31
 Operator : JC/MD
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 04:50:42 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	138126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	247938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	228109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	115513	52.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.080%
35) Dibromofluoromethane	5.367	113	89874	54.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.100%
50) Toluene-d8	8.635	98	297450	51.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.061	95	115573	52.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.860%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	22663	15.845	ug/l	98
3) Chloromethane	1.301	50	27514	14.636	ug/l	97
4) Vinyl Chloride	1.380	62	29797	16.193	ug/l	98
5) Bromomethane	1.618	94	18749	16.068	ug/l	98
6) Chloroethane	1.697	64	21057	17.121	ug/l	97
7) Trichlorofluoromethane	1.898	101	48304	17.679	ug/l	97
8) Diethyl Ether	2.136	74	20021	17.913	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	28922	18.103	ug/l	100
10) Methyl Iodide	2.453	142	29373	11.789	ug/l	99
11) Tert butyl alcohol	2.941	59	24508	100.087	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28766	17.529	ug/l	93
13) Acrolein	2.233	56	13348	59.154	ug/l	94
14) Allyl chloride	2.666	41	57150	16.876	ug/l	97
15) Acrylonitrile	3.056	53	95928	105.764	ug/l	99
16) Acetone	2.374	43	84773	88.678	ug/l	97
17) Carbon Disulfide	2.514	76	64355	14.325	ug/l	96
18) Methyl Acetate	2.697	43	48612	22.849	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	114797	19.163	ug/l	97
20) Methylene Chloride	2.788	84	37192	18.380	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	30290	17.144	ug/l	95
22) Diisopropyl ether	3.745	45	126767	19.315	ug/l #	77
23) Vinyl Acetate	3.715	43	496323	94.490	ug/l	99
24) 1,1-Dichloroethane	3.605	63	66467	19.054	ug/l	100
25) 2-Butanone	4.538	43	119169	99.937	ug/l	99
26) 2,2-Dichloropropane	4.459	77	51227	17.667	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	40550	18.740	ug/l	98
28) Bromochloromethane	4.885	49	30726	20.176	ug/l	97
29) Tetrahydrofuran	4.989	42	73296	102.176	ug/l	99
30) Chloroform	5.080	83	70938	20.124	ug/l	100
31) Cyclohexane	5.458	56	46020	15.840	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	57024	19.072	ug/l	99
36) 1,1-Dichloropropene	5.678	75	40218	16.552	ug/l	99
37) Ethyl Acetate	4.696	43	46112	17.725	ug/l	99
38) Carbon Tetrachloride	5.666	117	47637	18.045	ug/l	100
39) Methylcyclohexane	7.367	83	41453	15.030	ug/l	92
40) Benzene	6.019	78	135249	18.327	ug/l	96

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41) Methacrylonitrile	4.897	41	27191	20.245	ug/l	98
42) 1,2-Dichloroethane	6.068	62	54072	19.257	ug/l	99
43) Isopropyl Acetate	6.324	43	82616	19.363	ug/l	100
44) Trichloroethene	7.111	130	32209	18.053	ug/l	95
45) 1,2-Dichloropropane	7.409	63	36882	19.518	ug/l	97
46) Dibromomethane	7.568	93	26418	19.211	ug/l	96
47) Bromodichloromethane	7.806	83	56305	19.842	ug/l	98
48) Methyl methacrylate	7.677	41	40410	19.014	ug/l	98
49) 1,4-Dioxane	7.641	88	10661	496.356	ug/l	96
51) 4-Methyl-2-Pentanone	8.555	43	254539	107.597	ug/l	99
52) Toluene	8.702	92	83828	18.437	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	53270	18.404	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	57556	18.604	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	36538	20.841	ug/l	97
56) Ethyl methacrylate	9.098	69	53090	19.282	ug/l	98
57) 1,3-Dichloropropane	9.293	76	61779	20.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	124916	101.997	ug/l	99
59) 2-Hexanone	9.415	43	177203	104.296	ug/l	98
60) Dibromochloromethane	9.500	129	41790	20.688	ug/l	97
61) 1,2-Dibromoethane	9.592	107	37159	20.809	ug/l	98
64) Tetrachloroethene	9.256	164	24295	16.338	ug/l	99
65) Chlorobenzene	10.061	112	95117	18.355	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35435	19.816	ug/l	99
67) Ethyl Benzene	10.177	91	156811	17.537	ug/l	100
68) m/p-Xylenes	10.287	106	118014	35.460	ug/l	99
69) o-Xylene	10.622	106	57354	17.817	ug/l	99
70) Styrene	10.640	104	103298	18.314	ug/l	98
71) Bromoform	10.781	173	27424	20.538	ug/l #	97
73) Isopropylbenzene	10.945	105	149571	17.021	ug/l	100
74) N-amyl acetate	10.829	43	70121	17.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	53008	19.938	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	41144m	17.582	ug/l	
77) Bromobenzene	11.183	156	38389	17.738	ug/l	95
78) n-propylbenzene	11.287	91	173583	16.710	ug/l	98
79) 2-Chlorotoluene	11.348	91	110838	17.421	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	123245	17.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	14430	15.725	ug/l	98
82) 4-Chlorotoluene	11.439	91	130655	17.388	ug/l	98
83) tert-Butylbenzene	11.695	119	126052	17.056	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	125479	17.143	ug/l	99
85) sec-Butylbenzene	11.872	105	148630	16.931	ug/l	100
86) p-Isopropyltoluene	11.994	119	125157	16.841	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	72025	17.917	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	72873	17.663	ug/l	98
89) n-Butylbenzene	12.317	91	113838	16.554	ug/l	98
90) Hexachloroethane	12.518	117	23522	18.027	ug/l	96
91) 1,2-Dichlorobenzene	12.317	146	68928	17.998	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	9974	18.530	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	41084	16.506	ug/l	99
94) Hexachlorobutadiene	13.707	225	13707	16.213	ug/l	99
95) Naphthalene	13.756	128	126393	16.676	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	39644	17.122	ug/l	99

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

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