

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110325\
 Data File : VX048469.D
 Acq On : 03 Nov 2025 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 04 00:19:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/04/2025
 Supervised By :mohammad ahmed 11/04/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	152901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112201	51.025	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.040%			
35) Dibromofluoromethane	5.373	113	72710	52.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.635	98	265458	43.417	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.840%#			
62) 4-Bromofluorobenzene	11.061	95	118785	51.935	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	79923	51.244	ug/l	97
3) Chloromethane	1.301	50	43983	49.983	ug/l	98
4) Vinyl Chloride	1.380	62	105965	52.130	ug/l	100
5) Bromomethane	1.618	94	36749	50.047	ug/l	99
6) Chloroethane	1.697	64	54602	45.168	ug/l	94
7) Trichlorofluoromethane	1.898	101	137029	43.991	ug/l	98
8) Diethyl Ether	2.136	74	44627	39.640	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.337	101	82829	47.273	ug/l	94
10) Methyl Iodide	2.459	142	308876	43.840	ug/l	95
11) Tert butyl alcohol	2.941	59	43032	255.428	ug/l	99
12) 1,1-Dichloroethene	2.325	96	82244	46.212	ug/l	93
13) Acrolein	2.240	56	68232	194.033	ug/l	99
14) Allyl chloride	2.666	41	148996	49.437	ug/l	95
15) Acrylonitrile	3.056	53	186390	243.199	ug/l	100
16) Acetone	2.374	43	129878	260.600	ug/l	95
17) Carbon Disulfide	2.520	76	235862	46.221	ug/l	99
18) Methyl Acetate	2.697	43	83180	49.902	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	285821	50.151	ug/l	97
20) Methylene Chloride	2.788	84	100313	52.215	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	90496	47.873	ug/l	97
22) Diisopropyl ether	3.751	45	303402	49.182	ug/l	95
23) Vinyl Acetate	3.715	43	1030383	245.367	ug/l	98
24) 1,1-Dichloroethane	3.605	63	172687	49.325	ug/l	99
25) 2-Butanone	4.538	43	208522	261.907	ug/l	98
26) 2,2-Dichloropropane	4.471	77	143739	47.684	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	107737	47.754	ug/l	99
28) Bromochloromethane	4.891	49	74097	46.700	ug/l	93
29) Tetrahydrofuran	4.983	42	136641	240.992	ug/l	96
30) Chloroform	5.080	83	180120	50.014	ug/l	99
31) Cyclohexane	5.465	56	135558	44.607	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	163704	51.489	ug/l	99
36) 1,1-Dichloropropene	5.684	75	121276	52.139	ug/l	100
37) Ethyl Acetate	4.696	43	105579	53.277	ug/l	97
38) Carbon Tetrachloride	5.666	117	142863	53.196	ug/l	97
39) Methylcyclohexane	7.367	83	135092	45.163	ug/l	93
40) Benzene	6.025	78	357240	50.273	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	54783	54.882	ug/l	98
42) 1,2-Dichloroethane	6.074	62	137272	54.845	ug/l	99
43) Isopropyl Acetate	6.324	43	174316	53.278	ug/l	94
44) Trichloroethene	7.111	130	92009	49.421	ug/l	99
45) 1,2-Dichloropropane	7.415	63	83742	47.187	ug/l	95
46) Dibromomethane	7.568	93	54414	43.799	ug/l	92
47) Bromodichloromethane	7.806	83	112562	42.643	ug/l	99
48) Methyl methacrylate	7.678	41	67808	42.499	ug/l	91
49) 1,4-Dioxane	7.641	88	16910	932.441	ug/l	89
51) 4-Methyl-2-Pentanone	8.555	43	371123	203.817	ug/l	91
52) Toluene	8.702	92	196851	44.334	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	107626	44.984	ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	108909	42.250	ug/l #	90
55) 1,1,2-Trichloroethane	9.135	97	75008	46.681	ug/l	97
56) Ethyl methacrylate	9.104	69	112061	47.628	ug/l #	89
57) 1,3-Dichloropropane	9.293	76	127696	45.833	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	281437	202.657	ug/l	94
59) 2-Hexanone	9.415	43	278063	234.693	ug/l	93
60) Dibromochloromethane	9.506	129	95830	48.221	ug/l	99
61) 1,2-Dibromoethane	9.592	107	79472	47.808	ug/l	99
64) Tetrachloroethene	9.257	164	78386	44.274	ug/l	96
65) Chlorobenzene	10.061	112	247337	48.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	87870	51.003	ug/l	99
67) Ethyl Benzene	10.177	91	415931	48.773	ug/l	97
68) m/p-Xylenes	10.287	106	340057	105.316	ug/l	93
69) o-Xylene	10.622	106	171115	55.456	ug/l	92
70) Styrene	10.640	104	291815	55.828	ug/l	98
71) Bromoform	10.781	173	70155	56.291	ug/l #	98
73) Isopropylbenzene	10.945	105	421106	54.389	ug/l	98
74) N-amyl acetate	10.823	43	159227	57.649	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	111309	56.758	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	86909m	57.731	ug/l	
77) Bromobenzene	11.183	156	108921	56.950	ug/l	94
78) n-propylbenzene	11.287	91	486100	53.120	ug/l	97
79) 2-Chlorotoluene	11.348	91	293588	53.436	ug/l	97
80) 1,3,5-Trimethylbenzene	11.433	105	329844	51.971	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	23392	53.773	ug/l #	89
82) 4-Chlorotoluene	11.433	91	336663	52.124	ug/l	98
83) tert-Butylbenzene	11.695	119	319640	49.470	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	317807	50.573	ug/l	100
85) sec-Butylbenzene	11.872	105	388726	48.283	ug/l	99
86) p-Isopropyltoluene	11.988	119	334777	49.187	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	174334	47.729	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	176622	47.477	ug/l	98
89) n-Butylbenzene	12.311	91	304762	47.691	ug/l	100
90) Hexachloroethane	12.518	117	58394	48.826	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	164280	48.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	20498	53.377	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	102068	43.700	ug/l	100
94) Hexachlorobutadiene	13.707	225	43052	43.943	ug/l	99
95) Naphthalene	13.756	128	279027	47.302	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	90913	42.853	ug/l	97

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

