

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047923.D
 Acq On : 30 Sep 2025 19:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 01:17:23 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

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	132534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	238365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	110310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111905	53.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.100%			
35) Dibromofluoromethane	5.373	113	86570	54.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.300%			
50) Toluene-d8	8.634	98	293390	53.040	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.080%			
62) 4-Bromofluorobenzene	11.061	95	112253	53.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	77088	56.170	ug/l	98
3) Chloromethane	1.300	50	92995	51.557	ug/l	98
4) Vinyl Chloride	1.380	62	95992	54.366	ug/l	97
5) Bromomethane	1.611	94	60978	54.463	ug/l	99
6) Chloroethane	1.691	64	65276	55.314	ug/l	97
7) Trichlorofluoromethane	1.892	101	143051	54.566	ug/l	97
8) Diethyl Ether	2.136	74	59427	55.414	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	83865	54.709	ug/l	98
10) Methyl Iodide	2.459	142	104700	43.794	ug/l	100
11) Tert butyl alcohol	2.946	59	60760	258.604	ug/l	99
12) 1,1-Dichloroethene	2.325	96	85570	54.342	ug/l	98
13) Acrolein	2.239	56	57256	264.445	ug/l	99
14) Allyl chloride	2.666	41	162904	50.135	ug/l	98
15) Acrylonitrile	3.056	53	268563	308.592	ug/l	99
16) Acetone	2.373	43	208981	227.831	ug/l	100
17) Carbon Disulfide	2.514	76	219361	50.887	ug/l	98
18) Methyl Acetate	2.703	43	132826	65.067	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	317909	55.306	ug/l	99
20) Methylene Chloride	2.788	84	107848	55.546	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	92481	54.552	ug/l	97
22) Diisopropyl ether	3.751	45	352433	55.966	ug/l #	85
23) Vinyl Acetate	3.715	43	1411660	280.091	ug/l	99
24) 1,1-Dichloroethane	3.605	63	186212	55.634	ug/l	99
25) 2-Butanone	4.544	43	319392	279.147	ug/l	98
26) 2,2-Dichloropropane	4.471	77	117774	42.330	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	113694	54.761	ug/l	96
28) Bromochloromethane	4.885	49	78327	53.604	ug/l	100
29) Tetrahydrofuran	4.995	42	202985	294.905	ug/l	100
30) Chloroform	5.086	83	191739	56.689	ug/l	98
31) Cyclohexane	5.464	56	136628	49.011	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	155464	54.189	ug/l	99
36) 1,1-Dichloropropene	5.684	75	115949	49.637	ug/l	97
37) Ethyl Acetate	4.696	43	136927	54.746	ug/l	100
38) Carbon Tetrachloride	5.666	117	128895	50.785	ug/l	99
39) Methylcyclohexane	7.366	83	126763	47.806	ug/l	99
40) Benzene	6.025	78	384636	54.213	ug/l	99

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41) Methacrylonitrile	4.903	41	73700	57.078	ug/l	99
42) 1,2-Dichloroethane	6.074	62	145986	54.079	ug/l	100
43) Isopropyl Acetate	6.324	43	224413	54.708	ug/l	98
44) Trichloroethene	7.110	130	92363	53.847	ug/l	96
45) 1,2-Dichloropropane	7.415	63	102592	56.471	ug/l	99
46) Dibromomethane	7.568	93	72842	55.099	ug/l	96
47) Bromodichloromethane	7.805	83	152453	55.883	ug/l	97
48) Methyl methacrylate	7.677	41	113343	55.472	ug/l	97
49) 1,4-Dioxane	7.647	88	26956	1305.423	ug/l	97
51) 4-Methyl-2-Pentanone	8.561	43	679876	298.935	ug/l	100
52) Toluene	8.702	92	234858	53.729	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	144726	52.010	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	157465	52.943	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	95983	56.947	ug/l	98
56) Ethyl methacrylate	9.104	69	149817	56.599	ug/l	97
57) 1,3-Dichloropropane	9.293	76	164563	56.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	384496	300.103	ug/l	99
59) 2-Hexanone	9.415	43	470259	287.896	ug/l	99
60) Dibromochloromethane	9.506	129	112557	57.958	ug/l	99
61) 1,2-Dibromoethane	9.592	107	100581	58.588	ug/l	100
64) Tetrachloroethene	9.256	164	73046	50.812	ug/l	97
65) Chlorobenzene	10.061	112	259779	51.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	92447	53.476	ug/l	99
67) Ethyl Benzene	10.177	91	444221	51.390	ug/l	99
68) m/p-Xylenes	10.287	106	334993	104.119	ug/l	99
69) o-Xylene	10.628	106	161921	52.032	ug/l	99
70) Styrene	10.640	104	289190	53.035	ug/l	98
71) Bromoform	10.780	173	73852	57.212	ug/l #	97
73) Isopropylbenzene	10.945	105	414872	49.469	ug/l	99
74) N-amyl acetate	10.829	43	194530	50.866	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	138566	54.611	ug/l	99
76) 1,2,3-Trichloropropane	11.225	75	105320m	47.156	ug/l	
77) Bromobenzene	11.183	156	103795	50.251	ug/l	98
78) n-propylbenzene	11.286	91	485929	49.015	ug/l	99
79) 2-Chlorotoluene	11.347	91	298892	49.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	339378	49.255	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	40353	46.075	ug/l	99
82) 4-Chlorotoluene	11.439	91	355988	49.640	ug/l	100
83) tert-Butylbenzene	11.695	119	345986	49.053	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	346035	49.536	ug/l	100
85) sec-Butylbenzene	11.872	105	409794	48.913	ug/l	100
86) p-Isopropyltoluene	11.994	119	342231	48.250	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	191106	49.812	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	192965	49.006	ug/l	99
89) n-Butylbenzene	12.317	91	312733	47.651	ug/l	98
90) Hexachloroethane	12.518	117	62984	50.578	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	186186	50.939	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26953	52.467	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	112758	47.467	ug/l	98
94) Hexachlorobutadiene	13.707	225	36753	45.550	ug/l	98
95) Naphthalene	13.756	128	370067	51.160	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	107969	48.861	ug/l	98

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

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