

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046636.D
 Acq On : 11 Jun 2025 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 02:28:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	77468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133266	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	119186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64299	46.653	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.300%			
35) Dibromofluoromethane	5.391	113	50878	51.915	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.646	98	162512	50.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.079	95	67056	50.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.178	85	49618	46.135	ug/l	97
3) Chloromethane	1.306	50	42847	43.769	ug/l	100
4) Vinyl Chloride	1.386	62	44081	45.171	ug/l	99
5) Bromomethane	1.617	94	16571	27.971	ug/l	96
6) Chloroethane	1.697	64	25610m	40.448	ug/l	
7) Trichlorofluoromethane	1.904	101	68961	42.711	ug/l	98
8) Diethyl Ether	2.142	74	25706	45.060	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.343	101	51679	50.803	ug/l	95
10) Methyl Iodide	2.465	142	44208	40.090	ug/l	97
11) Tert butyl alcohol	2.965	59	33784	220.908	ug/l	99
12) 1,1-Dichloroethene	2.331	96	46167	50.196	ug/l	94
13) Acrolein	2.245	56	60539	318.023	ug/l	100
14) Allyl chloride	2.678	41	91197	50.488	ug/l	93
15) Acrylonitrile	3.068	53	150410	260.120	ug/l	99
16) Acetone	2.385	43	129583	239.623	ug/l	96
17) Carbon Disulfide	2.526	76	94127	48.207	ug/l	100
18) Methyl Acetate	2.715	43	90756	55.283	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	173499	53.911	ug/l	98
20) Methylene Chloride	2.800	84	55439	50.139	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	48350	49.675	ug/l	94
22) Diisopropyl ether	3.769	45	191676	53.823	ug/l #	80
23) Vinyl Acetate	3.727	43	730658	265.747	ug/l	100
24) 1,1-Dichloroethane	3.617	63	102645	51.716	ug/l	99
25) 2-Butanone	4.562	43	188260	245.374	ug/l	97
26) 2,2-Dichloropropane	4.489	77	76522	51.935	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	61869	51.635	ug/l	96
28) Bromochloromethane	4.903	49	44054	46.537	ug/l	98
29) Tetrahydrofuran	5.013	42	116765	240.984	ug/l	98
30) Chloroform	5.098	83	111101	53.424	ug/l	96
31) Cyclohexane	5.476	56	79044	49.332	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	91912	51.668	ug/l	97
36) 1,1-Dichloropropene	5.696	75	66719	47.660	ug/l	98
37) Ethyl Acetate	4.714	43	72822	53.299	ug/l	99
38) Carbon Tetrachloride	5.684	117	77120	49.184	ug/l	99
39) Methylcyclohexane	7.385	83	79500	48.113	ug/l	97
40) Benzene	6.043	78	204444	51.876	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43728	51.538	ug/l	94
42) 1,2-Dichloroethane	6.092	62	82805	50.505	ug/l	97
43) Isopropyl Acetate	6.342	43	123122	51.690	ug/l	98
44) Trichloroethene	7.128	130	50564	50.496	ug/l	98
45) 1,2-Dichloropropane	7.427	63	54805	53.877	ug/l	95
46) Dibromomethane	7.580	93	39795	52.002	ug/l	97
47) Bromodichloromethane	7.823	83	86170	54.764	ug/l	100
48) Methyl methacrylate	7.689	41	64491	52.623	ug/l	95
49) 1,4-Dioxane	7.659	88	15347	936.440	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	399573	263.985	ug/l	99
52) Toluene	8.720	92	127673	52.732	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76825	54.455	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83927	53.504	ug/l	89
55) 1,1,2-Trichloroethane	9.152	97	53767	55.318	ug/l	98
56) Ethyl methacrylate	9.116	69	83775	56.009	ug/l	93
57) 1,3-Dichloropropane	9.305	76	90043	52.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	212181	260.437	ug/l	99
59) 2-Hexanone	9.427	43	281354	259.182	ug/l	97
60) Dibromochloromethane	9.518	129	62938	55.050	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52759	52.090	ug/l	97
64) Tetrachloroethene	9.274	164	39385	49.417	ug/l	94
65) Chlorobenzene	10.079	112	145707	51.980	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	52286	55.199	ug/l	100
67) Ethyl Benzene	10.195	91	253115	51.724	ug/l	98
68) m/p-Xylenes	10.299	106	188777	106.345	ug/l	98
69) o-Xylene	10.640	106	93646	54.541	ug/l	96
70) Styrene	10.652	104	161841	55.064	ug/l	98
71) Bromoform	10.799	173	39565	54.781	ug/l #	97
73) Isopropylbenzene	10.963	105	251010	52.958	ug/l	99
74) N-amyl acetate	10.841	43	110680	53.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	79466	52.379	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	65783m	51.509	ug/l	
77) Bromobenzene	11.195	156	57859	52.592	ug/l	96
78) n-propylbenzene	11.305	91	297656	51.885	ug/l	99
79) 2-Chlorotoluene	11.359	91	178117	51.487	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	207616	52.565	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22961	51.862	ug/l	93
82) 4-Chlorotoluene	11.451	91	208757	50.910	ug/l	96
83) tert-Butylbenzene	11.713	119	214284	53.295	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	209586	52.454	ug/l	98
85) sec-Butylbenzene	11.890	105	271607	52.573	ug/l	100
86) p-Isopropyltoluene	12.006	119	224421	52.107	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111561	52.221	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113744	51.383	ug/l	99
89) n-Butylbenzene	12.329	91	214617	50.742	ug/l	98
90) Hexachloroethane	12.536	117	38889	50.802	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108055	52.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16953	49.901	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	73786	52.453	ug/l	99
94) Hexachlorobutadiene	13.725	225	30729	47.005	ug/l	98
95) Naphthalene	13.774	128	239917	53.781	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72019	51.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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