

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046716.D
 Acq On : 17 Jun 2025 10:09
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 18 02:35:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 02:34:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/18/2025
 Supervised By :Mahesh Dadoda 06/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	71317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120578	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	110220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55695	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	464	0.609	ug/l #	41
3) Chloromethane	1.307	50	652	0.793	ug/l	90
4) Vinyl Chloride	1.386	62	579	0.661	ug/l #	80
6) Chloroethane	1.703	64	367	0.691	ug/l	90
7) Trichlorofluoromethane	1.904	101	1027	0.772	ug/l	99
8) Diethyl Ether	2.148	74	321	0.703	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.343	101	482	0.590	ug/l #	93
12) 1,1-Dichloroethene	2.331	96	610	0.774	ug/l	78
14) Allyl chloride	2.678	41	1128	0.790	ug/l	97
15) Acrylonitrile	3.075	53	1470	3.692	ug/l	99
16) Acetone	2.392	43	1590	4.833	ug/l #	84
17) Carbon Disulfide	2.526	76	1979	0.832	ug/l #	90
18) Methyl Acetate	2.715	43	619	0.741	ug/l #	83
19) Methyl tert-butyl Ether	3.123	73	1946	0.793	ug/l	93
20) Methylene Chloride	2.800	84	798	0.872	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	487m	0.578	ug/l	
22) Diisopropyl ether	3.764	45	1942	0.708	ug/l #	67
23) Vinyl Acetate	3.745	43	7700	3.530	ug/l #	92
24) 1,1-Dichloroethane	3.629	63	1062	0.682	ug/l #	81
25) 2-Butanone	4.593	43	1489	3.201	ug/l	93
26) 2,2-Dichloropropane	4.483	77	797	0.702	ug/l	86
27) cis-1,2-Dichloroethene	4.507	96	738	0.745	ug/l	92
28) Bromochloromethane	4.910	49	548	0.776	ug/l #	99
29) Tetrahydrofuran	5.044	42	1129	3.757	ug/l #	54
30) Chloroform	5.105	83	1238	0.795	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	940	0.688	ug/l #	49
36) 1,1-Dichloropropene	5.708	75	881	0.765	ug/l #	70
37) Ethyl Acetate	4.745	43	744m	0.700	ug/l	
38) Carbon Tetrachloride	5.684	117	1087	0.870	ug/l #	80
39) Methylcyclohexane	7.385	83	1177	0.777	ug/l	88
40) Benzene	6.044	78	2705	0.794	ug/l	91
41) Methacrylonitrile	4.971	41	385m	0.679	ug/l	
42) 1,2-Dichloroethane	6.105	62	894	0.746	ug/l #	75
43) Isopropyl Acetate	6.367	43	1139	0.685	ug/l #	64
44) Trichloroethene	7.141	130	670	0.771	ug/l	85
45) 1,2-Dichloropropane	7.440	63	572	0.677	ug/l	93

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 Supervised By :Mahesh Dadoda 06/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	408	0.672	ug/l	95
47) Bromodichloromethane	7.818	83	999	0.806	ug/l #	77
48) Methyl methacrylate	7.708	41	282	0.338	ug/l	99
49) 1,4-Dioxane	7.690	88	55	30.709	ug/l #	21
51) 4-Methyl-2-Pentanone	8.580	43	3417	3.444	ug/l	95
52) Toluene	8.720	92	1589	0.752	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	837	0.728	ug/l	92
54) cis-1,3-Dichloropropene	8.379	75	919	0.704	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	623	0.791	ug/l	93
56) Ethyl methacrylate	9.122	69	796	0.685	ug/l	90
57) 1,3-Dichloropropane	9.311	76	1043	0.769	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.251	63	1864	3.087	ug/l	99
59) 2-Hexanone	9.439	43	2391	3.486	ug/l	81
60) Dibromochloromethane	9.519	129	717	0.773	ug/l	100
61) 1,2-Dibromoethane	9.616	107	531	0.663	ug/l	95
64) Tetrachloroethene	9.275	164	611	0.800	ug/l #	81
65) Chlorobenzene	10.073	112	1951	0.802	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	619	0.757	ug/l #	59
67) Ethyl Benzene	10.195	91	3223	0.758	ug/l	90
68) m/p-Xylenes	10.305	106	2412	1.523	ug/l	100
69) o-Xylene	10.640	106	1056	0.711	ug/l	96
70) Styrene	10.659	104	1727	0.665	ug/l	95
71) Bromoform	10.805	173	447	0.718	ug/l #	100
73) Isopropylbenzene	10.964	105	2799	0.682	ug/l	95
74) N-amyl acetate	10.854	43	1062	0.683	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.207	83	835	0.729	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	860m	0.760	ug/l	
77) Bromobenzene	11.201	156	725	0.734	ug/l	97
78) n-propylbenzene	11.305	91	3623	0.744	ug/l	100
79) 2-Chlorotoluene	11.366	91	2381	0.819	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2409	0.715	ug/l	95
82) 4-Chlorotoluene	11.457	91	2611	0.769	ug/l	95
83) tert-Butylbenzene	11.713	119	2565	0.736	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2426	0.716	ug/l	97
85) sec-Butylbenzene	11.890	105	3289	0.747	ug/l	100
86) p-Isopropyltoluene	12.006	119	2647	0.712	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	1451	0.754	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	1607m	0.813	ug/l	
89) n-Butylbenzene	12.335	91	2637	0.747	ug/l	94
90) Hexachloroethane	12.536	117	470	0.722	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	1398	0.777	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	110	0.486	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	881	0.689	ug/l	94
94) Hexachlorobutadiene	13.719	225	452	0.840	ug/l	97
95) Naphthalene	13.780	128	2623	0.720	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.957	180	878	0.718	ug/l	99

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

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