

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046717.D
 Acq On : 17 Jun 2025 10:58
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 02:36:36 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	128731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98178	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	1001	0.728	ug/l	91
3) Chloromethane	1.307	50	1172	0.790	ug/l	97
4) Vinyl Chloride	1.386	62	1224	0.774	ug/l #	83
6) Chloroethane	1.703	64	836	0.872	ug/l #	86
7) Trichlorofluoromethane	1.904	101	1917	0.798	ug/l	91
8) Diethyl Ether	2.148	74	673	0.816	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.343	101	1274	0.865	ug/l	96
12) 1,1-Dichloroethene	2.331	96	1066	0.750	ug/l	94
14) Allyl chloride	2.678	41	2132	0.828	ug/l	96
15) Acrylonitrile	3.081	53	2941	4.093	ug/l	94
16) Acetone	2.386	43	2804	4.722	ug/l	97
17) Carbon Disulfide	2.526	76	3843	0.895	ug/l	100
18) Methyl Acetate	2.715	43	1230	0.816	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	3644	0.823	ug/l #	90
20) Methylene Chloride	2.800	84	1592	0.964	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	1267	0.833	ug/l	92
22) Diisopropyl ether	3.776	45	3505	0.708	ug/l #	84
23) Vinyl Acetate	3.751	43	14388	3.654	ug/l #	91
24) 1,1-Dichloroethane	3.623	63	2221	0.790	ug/l #	94
25) 2-Butanone	4.599	43	2748	3.272	ug/l	97
26) 2,2-Dichloropropane	4.483	77	1640	0.800	ug/l	97
27) cis-1,2-Dichloroethene	4.513	96	1513	0.846	ug/l	96
28) Bromochloromethane	4.904	49	982m	0.770	ug/l	
29) Tetrahydrofuran	5.038	42	2021	3.726	ug/l	89
30) Chloroform	5.105	83	2333	0.830	ug/l	84
32) 1,1,1-Trichloroethane	5.397	97	1959	0.794	ug/l #	48
36) 1,1-Dichloropropene	5.690	75	1754m	0.843	ug/l	
37) Ethyl Acetate	4.739	43	2038m	1.062	ug/l	
38) Carbon Tetrachloride	5.678	117	1943	0.861	ug/l #	74
39) Methylcyclohexane	7.385	83	2380	0.870	ug/l #	83
40) Benzene	6.050	78	5222	0.848	ug/l	97
41) Methacrylonitrile	4.977	41	687m	0.671	ug/l	
42) 1,2-Dichloroethane	6.117	62	1644	0.760	ug/l	79
43) Isopropyl Acetate	6.354	43	1894	0.631	ug/l #	85
44) Trichloroethene	7.141	130	1346	0.858	ug/l	86
45) 1,2-Dichloropropane	7.440	63	1371	0.899	ug/l #	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	875	0.798	ug/l	91
47) Bromodichloromethane	7.818	83	1784	0.797	ug/l #	80
48) Methyl methacrylate	7.720	41	963	0.639	ug/l	94
49) 1,4-Dioxane	7.671	88	114	31.360	ug/l #	72
51) 4-Methyl-2-Pentanone	8.580	43	6629	3.700	ug/l	94
52) Toluene	8.720	92	3176	0.832	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	1485	0.715	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	1703	0.723	ug/l	95
55) 1,1,2-Trichloroethane	9.159	97	1200	0.844	ug/l	91
56) Ethyl methacrylate	9.122	69	1461	0.696	ug/l	93
57) 1,3-Dichloropropane	9.311	76	2032	0.830	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.250	63	3037	2.785	ug/l	97
59) 2-Hexanone	9.439	43	3682	2.973	ug/l	96
60) Dibromochloromethane	9.519	129	1324	0.790	ug/l	89
61) 1,2-Dibromoethane	9.616	107	1026	0.709	ug/l	86
64) Tetrachloroethene	9.275	164	1228	0.917	ug/l #	72
65) Chlorobenzene	10.079	112	3788	0.888	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	10.159	131	1241	0.865	ug/l #	64
67) Ethyl Benzene	10.195	91	6028	0.809	ug/l	98
68) m/p-Xylenes	10.305	106	4383	1.578	ug/l	90
69) o-Xylene	10.640	106	2187	0.840	ug/l	97
70) Styrene	10.659	104	3624	0.795	ug/l	95
71) Bromoform	10.805	173	876	0.802	ug/l #	89
73) Isopropylbenzene	10.963	105	5759	0.796	ug/l	99
74) N-amyl acetate	10.848	43	1808	0.660	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	1665	0.825	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	1464m	0.734	ug/l	
77) Bromobenzene	11.201	156	1464	0.841	ug/l	100
78) n-propylbenzene	11.305	91	7084	0.825	ug/l	96
79) 2-Chlorotoluene	11.366	91	4150	0.809	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	4676	0.787	ug/l	98
82) 4-Chlorotoluene	11.457	91	4623	0.772	ug/l	99
83) tert-Butylbenzene	11.713	119	4646	0.756	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4704	0.788	ug/l	97
85) sec-Butylbenzene	11.890	105	6381	0.822	ug/l	100
86) p-Isopropyltoluene	12.006	119	5222	0.797	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3064	0.903	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	3353m	0.962	ug/l	
89) n-Butylbenzene	12.335	91	5047	0.812	ug/l	98
90) Hexachloroethane	12.536	117	845	0.737	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	2606	0.822	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	256	0.642	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1908	0.846	ug/l	99
94) Hexachlorobutadiene	13.725	225	915	0.965	ug/l	99
95) Naphthalene	13.780	128	4558	0.710	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1893	0.878	ug/l	90

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

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