

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046724.D
 Acq On : 17 Jun 2025 16:20
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 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 02:42:07 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	5.562	168	135308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105503	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	1.179	85	949	0.657	ug/l	84
3) Chloromethane	1.307	50	1248	0.800	ug/l	98
4) Vinyl Chloride	1.386	62	1246	0.749	ug/l	98
6) Chloroethane	1.703	64	854	0.847	ug/l	91
7) Trichlorofluoromethane	1.904	101	1864	0.738	ug/l #	83
8) Diethyl Ether	2.142	74	715	0.825	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.349	101	1149	0.742	ug/l	97
12) 1,1-Dichloroethene	2.331	96	1063	0.711	ug/l	91
14) Allyl chloride	2.678	41	2067	0.763	ug/l	98
15) Acrylonitrile	3.087	53	3113	4.121	ug/l	96
16) Acetone	2.386	43	2775	4.446	ug/l #	62
17) Carbon Disulfide	2.526	76	4613	1.022	ug/l #	94
18) Methyl Acetate	2.709	43	1245	0.785	ug/l #	82
19) Methyl tert-butyl Ether	3.129	73	3445	0.740	ug/l	92
20) Methylene Chloride	2.800	84	1676	0.966	ug/l #	86
21) trans-1,2-Dichloroethene	3.105	96	1391	0.870	ug/l	93
22) Diisopropyl ether	3.776	45	3618	0.695	ug/l #	49
23) Vinyl Acetate	3.745	43	13326	3.220	ug/l #	73
24) 1,1-Dichloroethane	3.629	63	2295	0.777	ug/l #	93
25) 2-Butanone	4.605	43	3561	4.034	ug/l #	78
26) 2,2-Dichloropropane	4.483	77	1544	0.716	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	1556	0.828	ug/l	92
28) Bromochloromethane	4.916	49	1082	0.808	ug/l #	95
29) Tetrahydrofuran	5.050	42	2237	3.924	ug/l #	34
30) Chloroform	5.105	83	2358	0.798	ug/l #	72
32) 1,1,1-Trichloroethane	5.391	97	1901m	0.733	ug/l	
36) 1,1-Dichloropropene	5.708	75	1954m	0.909	ug/l	
37) Ethyl Acetate	4.763	43	1714	0.863	ug/l #	74
38) Carbon Tetrachloride	5.678	117	1765	0.756	ug/l #	72
39) Methylcyclohexane	7.391	83	2268	0.801	ug/l	95
40) Benzene	6.050	78	4888	0.768	ug/l #	90
41) Methacrylonitrile	4.952	41	661m	0.625	ug/l	
42) 1,2-Dichloroethane	6.111	62	1692	0.757	ug/l	79
43) Isopropyl Acetate	6.367	43	2051	0.660	ug/l #	74
44) Trichloroethene	7.141	130	1347	0.830	ug/l	91
45) 1,2-Dichloropropane	7.440	63	1251	0.793	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	877	0.774	ug/l	95
47) Bromodichloromethane	7.824	83	1571	0.679	ug/l #	84
48) Methyl methacrylate	7.720	41	1165m	0.748	ug/l	
49) 1,4-Dioxane	7.696	88	184	34.198	ug/l #	37
51) 4-Methyl-2-Pentanone	8.580	43	7070	3.816	ug/l	96
52) Toluene	8.726	92	2971	0.753	ug/l	96
53) t-1,3-Dichloropropene	9.000	75	1606	0.748	ug/l	98
54) cis-1,3-Dichloropropene	8.378	75	1925	0.790	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	1241	0.844	ug/l	94
56) Ethyl methacrylate	9.128	69	1331	0.613	ug/l	93
57) 1,3-Dichloropropane	9.317	76	2049	0.809	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.257	63	3691	3.274	ug/l	96
59) 2-Hexanone	9.445	43	4584	3.579	ug/l	85
60) Dibromochloromethane	9.525	129	1328	0.766	ug/l	99
61) 1,2-Dibromoethane	9.622	107	1212	0.810	ug/l	91
64) Tetrachloroethene	9.281	164	1098	0.777	ug/l	94
65) Chlorobenzene	10.079	112	3843	0.854	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1050	0.694	ug/l #	62
67) Ethyl Benzene	10.201	91	5925	0.753	ug/l	93
68) m/p-Xylenes	10.299	106	4633	1.581	ug/l	97
69) o-Xylene	10.640	106	2005	0.730	ug/l	93
70) Styrene	10.665	104	3645	0.758	ug/l	96
71) Bromoform	10.799	173	819	0.711	ug/l #	88
73) Isopropylbenzene	10.963	105	5870	0.755	ug/l	97
74) N-amyl acetate	10.848	43	1833	0.623	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	1634	0.753	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1613m	0.753	ug/l	
77) Bromobenzene	11.201	156	1556	0.832	ug/l	92
78) n-propylbenzene	11.305	91	7487	0.811	ug/l	99
79) 2-Chlorotoluene	11.366	91	4425	0.803	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	4712	0.738	ug/l	95
82) 4-Chlorotoluene	11.457	91	5277	0.821	ug/l	94
83) tert-Butylbenzene	11.713	119	5044	0.764	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4756	0.741	ug/l	97
85) sec-Butylbenzene	11.890	105	6417	0.769	ug/l	97
86) p-Isopropyltoluene	12.006	119	5562	0.790	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	3358	0.921	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	3544m	0.946	ug/l	
89) n-Butylbenzene	12.335	91	5634	0.843	ug/l	98
90) Hexachloroethane	12.536	117	830	0.673	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	2772	0.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	226	0.528	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	2294	0.947	ug/l	95
94) Hexachlorobutadiene	13.719	225	1043	1.024	ug/l	99
95) Naphthalene	13.780	128	5227	0.757	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	2012	0.868	ug/l	93

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

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