

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046039.D
 Acq On : 05 May 2025 10:49
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Quant Time: May 06 06:06:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65179	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	1.166	85	1313	0.595	ug/l	76
3) Chloromethane	1.307	50	1535	0.706	ug/l	93
4) Vinyl Chloride	1.374	62	1320	0.693	ug/l	93
6) Chloroethane	1.672	64	689	0.702	ug/l	97
7) Trichlorofluoromethane	1.874	101	1959	0.675	ug/l	98
8) Diethyl Ether	2.130	74	651	0.683	ug/l	54
9) 1,1,2-Trichlorotrifluo...	2.319	101	1172	0.676	ug/l	94
12) 1,1-Dichloroethene	2.312	96	1084	0.642	ug/l	77
14) Allyl chloride	2.654	41	2362	0.741	ug/l	95
15) Acrylonitrile	3.075	53	3411	3.216	ug/l	99
16) Acetone	2.386	43	3795	3.729	ug/l	99
17) Carbon Disulfide	2.508	76	2488	0.636	ug/l #	90
18) Methyl Acetate	2.709	43	1788	0.736	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3736	0.635	ug/l #	87
20) Methylene Chloride	2.776	84	1708	0.829	ug/l #	75
21) trans-1,2-Dichloroethene	3.087	96	1148	0.666	ug/l #	75
22) Diisopropyl ether	3.763	45	3949	0.663	ug/l #	69
23) Vinyl Acetate	3.727	43	16063	3.051	ug/l	100
24) 1,1-Dichloroethane	3.605	63	2342	0.669	ug/l #	94
25) 2-Butanone	4.580	43	4747	3.232	ug/l	93
26) 2,2-Dichloropropane	4.471	77	1765	0.665	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	1395	0.672	ug/l #	11
28) Bromochloromethane	4.903	49	1070	0.575	ug/l #	96
29) Tetrahydrofuran	5.038	42	3258	3.415	ug/l #	84
30) Chloroform	5.092	83	2575	0.708	ug/l	91
32) 1,1,1-Trichloroethane	5.373	97	2020m	0.644	ug/l	
36) 1,1-Dichloropropene	5.702	75	1690	0.713	ug/l #	83
37) Ethyl Acetate	4.745	43	1725m	0.580	ug/l	
38) Carbon Tetrachloride	5.672	117	2057m	0.756	ug/l	
39) Methylcyclohexane	7.373	83	1758	0.592	ug/l	88
40) Benzene	6.037	78	4764	0.649	ug/l	94
41) Methacrylonitrile	4.940	41	921m	0.558	ug/l	
42) 1,2-Dichloroethane	6.092	62	1745	0.575	ug/l	82
43) Isopropyl Acetate	6.354	43	2694	0.593	ug/l #	90
44) Trichloroethene	7.123	130	1171	0.674	ug/l	75
45) 1,2-Dichloropropane	7.427	63	1112	0.609	ug/l #	79

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	906	0.630	ug/l	97
47) Bromodichloromethane	7.818	83	1642	0.589	ug/l #	90
48) Methyl methacrylate	7.708	41	1345m	0.576	ug/l	
49) 1,4-Dioxane	7.677	88	529	11.404	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	8163	2.739	ug/l	97
52) Toluene	8.720	92	2576	0.592	ug/l	91
53) t-1,3-Dichloropropene	8.988	75	1379	0.589	ug/l #	83
54) cis-1,3-Dichloropropene	8.372	75	1752	0.642	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	1068	0.607	ug/l	95
56) Ethyl methacrylate	9.128	69	1295	0.475	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	1825	0.585	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.244	63	4145	3.382	ug/l	99
59) 2-Hexanone	9.439	43	6350	2.807	ug/l	95
60) Dibromochloromethane	9.525	129	1176	0.614	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1123	0.621	ug/l	99
64) Tetrachloroethene	9.269	164	1209	0.764	ug/l #	82
65) Chlorobenzene	10.079	112	2835	0.595	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.159	131	1183	0.744	ug/l #	57
67) Ethyl Benzene	10.195	91	5221	0.642	ug/l	99
68) m/p-Xylenes	10.299	106	3742	1.275	ug/l	96
69) o-Xylene	10.640	106	1791	0.605	ug/l	100
70) Styrene	10.659	104	2528	0.534	ug/l	97
71) Bromoform	10.799	173	702	0.588	ug/l #	84
73) Isopropylbenzene	10.963	105	4351	0.612	ug/l	98
74) N-amyl acetate	10.848	43	1711	0.483	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1760	0.696	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1906m	0.701	ug/l	
77) Bromobenzene	11.201	156	1145	0.696	ug/l	92
78) n-propylbenzene	11.305	91	4758	0.597	ug/l	97
79) 2-Chlorotoluene	11.366	91	3491	0.650	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3441	0.583	ug/l	96
82) 4-Chlorotoluene	11.457	91	3489	0.591	ug/l	97
83) tert-Butylbenzene	11.713	119	3719	0.642	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3588	0.609	ug/l	99
85) sec-Butylbenzene	11.890	105	4164	0.579	ug/l	95
86) p-Isopropyltoluene	12.006	119	3302	0.568	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	1892	0.618	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	2204m	0.734	ug/l	
89) n-Butylbenzene	12.335	91	2458	0.487	ug/l	94
90) Hexachloroethane	12.536	117	676	0.625	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	2009	0.673	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.951	75	302	0.525	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	812	0.497	ug/l	97
94) Hexachlorobutadiene	13.725	225	471	0.616	ug/l	89
95) Naphthalene	13.780	128	3421	0.575	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	972	0.567	ug/l	96

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

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