

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046847.D
 Acq On : 01 Jul 2025 10:15
 Operator : JC/MD
 Sample : VX0701WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBS01

Quant Time: Jul 02 01:38:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	144669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	236747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	211980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85499	42.727	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.460%		
35) Dibromofluoromethane	5.385	113	73248	46.762	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.647	98	265900	47.248	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.500%		
62) 4-Bromofluorobenzene	11.079	95	100708	48.006	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	28247	18.288	ug/l	98
3) Chloromethane	1.307	50	30247	18.143	ug/l	95
4) Vinyl Chloride	1.386	62	32774	18.435	ug/l	97
5) Bromomethane	1.630	94	22276	22.271	ug/l	94
6) Chloroethane	1.703	64	20765	19.272	ug/l	95
7) Trichlorofluoromethane	1.904	101	49540	18.352	ug/l	100
8) Diethyl Ether	2.142	74	17657	19.060	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	32431	19.584	ug/l	97
10) Methyl Iodide	2.465	142	30766	17.889	ug/l	97
11) Tert butyl alcohol	2.953	59	12515	69.681	ug/l	100
12) 1,1-Dichloroethene	2.337	96	30579	19.137	ug/l	94
13) Acrolein	2.246	56	18977	72.541	ug/l	99
14) Allyl chloride	2.678	41	53830	18.593	ug/l	97
15) Acrylonitrile	3.069	53	69904	86.557	ug/l	100
16) Acetone	2.386	43	55733	83.521	ug/l	99
17) Carbon Disulfide	2.526	76	79319	16.438	ug/l	98
18) Methyl Acetate	2.709	43	30102	17.761	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	86580	17.401	ug/l	99
20) Methylene Chloride	2.800	84	34764	18.733	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	31161	18.225	ug/l	99
22) Diisopropyl ether	3.764	45	110367	19.833	ug/l	97
23) Vinyl Acetate	3.727	43	395927	89.470	ug/l	100
24) 1,1-Dichloroethane	3.617	63	60361	19.104	ug/l	97
25) 2-Butanone	4.556	43	76917	81.501	ug/l	98
26) 2,2-Dichloropropane	4.477	77	43669	18.950	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	38818	19.324	ug/l	98
28) Bromochloromethane	4.904	49	26236	18.316	ug/l	98
29) Tetrahydrofuran	5.007	42	48545	79.637	ug/l	99
30) Chloroform	5.099	83	61727	19.535	ug/l	96
31) Cyclohexane	5.477	56	54681	18.249	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	50987	18.399	ug/l	99
36) 1,1-Dichloropropene	5.702	75	42998	19.016	ug/l	99
37) Ethyl Acetate	4.721	43	33855	16.221	ug/l	98
38) Carbon Tetrachloride	5.678	117	45392	18.498	ug/l	99
39) Methylcyclohexane	7.379	83	54196	18.214	ug/l	98
40) Benzene	6.044	78	129923	19.415	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19694	17.699	ug/l	96
42) 1,2-Dichloroethane	6.092	62	43907	18.671	ug/l	98
43) Isopropyl Acetate	6.342	43	55123	16.878	ug/l	98
44) Trichloroethene	7.129	130	33249	19.496	ug/l	100
45) 1,2-Dichloropropane	7.434	63	32623	19.671	ug/l	93
46) Dibromomethane	7.580	93	22495	18.873	ug/l	98
47) Bromodichloromethane	7.818	83	47654	19.592	ug/l	99
48) Methyl methacrylate	7.696	41	28819	17.594	ug/l	99
49) 1,4-Dioxane	7.659	88	7096	317.600	ug/l	93
51) 4-Methyl-2-Pentanone	8.568	43	168639	86.574	ug/l	98
52) Toluene	8.714	92	81404	19.622	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	42053	18.634	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	48113	18.780	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	30123	19.485	ug/l	97
56) Ethyl methacrylate	9.116	69	40906	17.924	ug/l	99
57) 1,3-Dichloropropane	9.305	76	50824	19.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	111624	94.159	ug/l	99
59) 2-Hexanone	9.427	43	112961	83.882	ug/l	100
60) Dibromochloromethane	9.519	129	35409	19.435	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29771	18.932	ug/l	99
64) Tetrachloroethene	9.269	164	27816	18.940	ug/l	96
65) Chlorobenzene	10.080	112	90984	19.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30642	19.484	ug/l	98
67) Ethyl Benzene	10.189	91	156711	19.167	ug/l	99
68) m/p-Xylenes	10.299	106	119679	39.284	ug/l	100
69) o-Xylene	10.640	106	56578	19.817	ug/l	98
70) Styrene	10.653	104	99223	19.859	ug/l	99
71) Bromoform	10.799	173	22206	18.541	ug/l #	98
73) Isopropylbenzene	10.957	105	152207	19.293	ug/l	100
74) N-amyl acetate	10.842	43	49829	16.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	40558	18.411	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32540m	16.586	ug/l	
77) Bromobenzene	11.195	156	37035	19.508	ug/l	98
78) n-propylbenzene	11.299	91	182113	19.434	ug/l	100
79) 2-Chlorotoluene	11.360	91	107457	19.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	126405	19.497	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11515	16.590	ug/l	95
82) 4-Chlorotoluene	11.451	91	126101	19.312	ug/l	100
83) tert-Butylbenzene	11.713	119	127579	19.037	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	125478	19.264	ug/l	99
85) sec-Butylbenzene	11.890	105	161659	19.087	ug/l	100
86) p-Isopropyltoluene	12.006	119	135899	19.017	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	70592	19.070	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	72288	19.012	ug/l	99
89) n-Butylbenzene	12.329	91	126507	18.645	ug/l	100
90) Hexachloroethane	12.536	117	22995	18.376	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	66272	19.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7038	16.183	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	44819	18.224	ug/l	99
94) Hexachlorobutadiene	13.719	225	17884	17.287	ug/l	97
95) Naphthalene	13.774	128	121052	17.277	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	42825	18.202	ug/l	99

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

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