

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046491.D
 Acq On : 04 Jun 2025 11:27
 Operator : JC/MD
 Sample : VX0604WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/05/2025
 Supervised By :Semsettin Yesilyurt 06/05/2025

Quant Time: Jun 05 01:39:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	92897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	164481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86820	50.130	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	5.379	113	60723	51.267	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.540%			
50) Toluene-d8	8.647	98	193713	47.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.500%			
62) 4-Bromofluorobenzene	11.079	95	77214	49.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22743	15.995	ug/l	99
3) Chloromethane	1.307	50	20855	15.125	ug/l	98
4) Vinyl Chloride	1.374	62	19920	15.523	ug/l	94
5) Bromomethane	1.599	94	9608	16.142	ug/l	100
6) Chloroethane	1.673	64	11730	17.122	ug/l	96
7) Trichlorofluoromethane	1.880	101	34089	17.974	ug/l	95
8) Diethyl Ether	2.130	74	11717	18.148	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	21471	18.294	ug/l	99
10) Methyl Iodide	2.447	142	20760	14.948	ug/l	99
11) Tert butyl alcohol	2.971	59	28971	119.170	ug/l	99
12) 1,1-Dichloroethene	2.313	96	18932	17.187	ug/l	97
13) Acrolein	2.233	56	29271	105.725	ug/l	98
14) Allyl chloride	2.660	41	40362	19.172	ug/l	96
15) Acrylonitrile	3.063	53	74090	106.582	ug/l	98
16) Acetone	2.380	43	73753	106.210	ug/l	99
17) Carbon Disulfide	2.508	76	33026	12.646	ug/l #	95
18) Methyl Acetate	2.703	43	44506	27.620	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	79431	20.568	ug/l	99
20) Methylene Chloride	2.782	84	23740	17.840	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	19363	17.479	ug/l	95
22) Diisopropyl ether	3.758	45	83789	20.604	ug/l	90
23) Vinyl Acetate	3.721	43	346082	96.761	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44360	19.585	ug/l	99
25) 2-Butanone	4.556	43	111365	110.466	ug/l	97
26) 2,2-Dichloropropane	4.471	77	34526	19.475	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26144	19.605	ug/l	97
28) Bromochloromethane	4.898	49	23833	21.860	ug/l	97
29) Tetrahydrofuran	5.007	42	69831	110.541	ug/l	99
30) Chloroform	5.093	83	47227	20.005	ug/l	97
31) Cyclohexane	5.465	56	34657	16.791	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	39783	19.440	ug/l	100
36) 1,1-Dichloropropene	5.690	75	27602	17.344	ug/l	98
37) Ethyl Acetate	4.721	43	39738	20.211	ug/l	99
38) Carbon Tetrachloride	5.672	117	32904	18.402	ug/l	95
39) Methylcyclohexane	7.373	83	33061	16.137	ug/l	98
40) Benzene	6.031	78	86835	18.629	ug/l	99

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41) Methacrylonitrile	4.928	41	23318	22.671	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39852	19.809	ug/l	99
43) Isopropyl Acetate	6.342	43	63564	21.191	ug/l	99
44) Trichloroethene	7.123	130	20599	18.361	ug/l	97
45) 1,2-Dichloropropane	7.428	63	22961	19.810	ug/l	96
46) Dibromomethane	7.580	93	17290	18.913	ug/l	98
47) Bromodichloromethane	7.818	83	35372	19.645	ug/l	99
48) Methyl methacrylate	7.696	41	32412	21.158	ug/l	98
49) 1,4-Dioxane	7.659	88	13462	462.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	215594	108.282	ug/l	100
52) Toluene	8.714	92	54715	19.143	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30645	19.148	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	34352	19.420	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	23114	20.509	ug/l	98
56) Ethyl methacrylate	9.116	69	37067	20.636	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39627	19.578	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97808	106.806	ug/l	99
59) 2-Hexanone	9.427	43	163451	110.961	ug/l	100
60) Dibromochloromethane	9.519	129	25342	20.474	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23528	20.086	ug/l	100
64) Tetrachloroethene	9.269	164	18715	18.968	ug/l	95
65) Chlorobenzene	10.080	112	59399	19.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21063	20.209	ug/l	98
67) Ethyl Benzene	10.189	91	105678	19.642	ug/l	99
68) m/p-Xylenes	10.299	106	78322	39.802	ug/l	99
69) o-Xylene	10.640	106	39544	20.613	ug/l	99
70) Styrene	10.653	104	64399	20.492	ug/l	99
71) Bromoform	10.799	173	15687	20.047	ug/l #	97
73) Isopropylbenzene	10.957	105	105573	21.209	ug/l	99
74) N-amyl acetate	10.842	43	53645	21.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37218	21.336	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32568m	21.162	ug/l	
77) Bromobenzene	11.195	156	23492	20.328	ug/l	99
78) n-propylbenzene	11.299	91	117360	20.277	ug/l	98
79) 2-Chlorotoluene	11.360	91	75768	20.296	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	85839	20.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9522	20.143	ug/l	99
82) 4-Chlorotoluene	11.451	91	83569	20.186	ug/l	98
83) tert-Butylbenzene	11.713	119	87673	20.930	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	86879	20.630	ug/l	100
85) sec-Butylbenzene	11.890	105	108045	21.008	ug/l	100
86) p-Isopropyltoluene	12.006	119	87255	20.553	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42116	19.969	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	44193	20.518	ug/l	98
89) n-Butylbenzene	12.329	91	75030	20.149	ug/l	99
90) Hexachloroethane	12.536	117	14661	19.602	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	44415	20.986	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9196	23.797	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	25497	20.975	ug/l	97
94) Hexachlorobutadiene	13.719	225	10415	19.618	ug/l	96
95) Naphthalene	13.774	128	94780	21.259	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	25741	20.522	ug/l	99

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

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