

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046497.D
 Acq On : 04 Jun 2025 13:52
 Operator : JC/MD
 Sample : VX0604WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 01:51:31 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	5.550	168	84483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81368	51.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.320%			
35) Dibromofluoromethane	5.385	113	57316	52.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.647	98	186769	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	75026	51.347	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24632	19.049	ug/l	99
3) Chloromethane	1.307	50	23757	18.946	ug/l	97
4) Vinyl Chloride	1.374	62	21918	18.781	ug/l	98
5) Bromomethane	1.593	94	9220	17.033	ug/l	98
6) Chloroethane	1.672	64	15446	24.792	ug/l	94
7) Trichlorofluoromethane	1.880	101	35809	20.761	ug/l	97
8) Diethyl Ether	2.136	74	12725	21.673	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	21610	20.246	ug/l	97
10) Methyl Iodide	2.447	142	24073	19.060	ug/l	100
11) Tert butyl alcohol	2.971	59	27971	126.516	ug/l	99
12) 1,1-Dichloroethene	2.312	96	20333	20.297	ug/l	100
13) Acrolein	2.233	56	25349	100.678	ug/l	97
14) Allyl chloride	2.660	41	42621	22.262	ug/l	95
15) Acrylonitrile	3.062	53	73994	117.045	ug/l	99
16) Acetone	2.386	43	72770	115.231	ug/l	98
17) Carbon Disulfide	2.501	76	39956	16.824	ug/l	100
18) Methyl Acetate	2.703	43	45782	31.241	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	82120	23.382	ug/l	100
20) Methylene Chloride	2.782	84	24899	20.575	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	20553	20.402	ug/l	98
22) Diisopropyl ether	3.763	45	85964	23.245	ug/l	98
23) Vinyl Acetate	3.721	43	352257	108.297	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45805	22.237	ug/l	98
25) 2-Butanone	4.562	43	110519	120.545	ug/l	99
26) 2,2-Dichloropropane	4.471	77	32995	20.465	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26678	21.998	ug/l	98
28) Bromochloromethane	4.897	49	22848	23.044	ug/l	98
29) Tetrahydrofuran	5.013	42	69743	121.397	ug/l	99
30) Chloroform	5.092	83	48458	22.570	ug/l	97
31) Cyclohexane	5.458	56	39649	21.123	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	41875	22.500	ug/l	97
36) 1,1-Dichloropropene	5.690	75	30800	20.829	ug/l	99
37) Ethyl Acetate	4.721	43	40135	21.968	ug/l	98
38) Carbon Tetrachloride	5.678	117	33893	20.399	ug/l	97
39) Methylcyclohexane	7.379	83	37949	19.934	ug/l	92
40) Benzene	6.031	78	92846	21.436	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24996	26.155	ug/l	95
42) 1,2-Dichloroethane	6.086	62	40404	21.614	ug/l	99
43) Isopropyl Acetate	6.342	43	64639	23.192	ug/l	99
44) Trichloroethene	7.123	130	22185	21.281	ug/l	96
45) 1,2-Dichloropropane	7.427	63	23770	22.070	ug/l	98
46) Dibromomethane	7.580	93	18288	21.529	ug/l	99
47) Bromodichloromethane	7.818	83	36336	21.718	ug/l	99
48) Methyl methacrylate	7.696	41	33430	23.486	ug/l	99
49) 1,4-Dioxane	7.659	88	12861	475.862	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	220370	119.115	ug/l	99
52) Toluene	8.714	92	57666	21.713	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	30745	20.675	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35234	21.437	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	23253	22.204	ug/l	96
56) Ethyl methacrylate	9.116	69	39616	23.736	ug/l	99
57) 1,3-Dichloropropane	9.305	76	41148	21.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	98765	116.070	ug/l	99
59) 2-Hexanone	9.427	43	168301	122.961	ug/l	99
60) Dibromochloromethane	9.518	129	24794	21.558	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23687	21.762	ug/l	96
64) Tetrachloroethene	9.269	164	19397	20.578	ug/l	94
65) Chlorobenzene	10.079	112	62199	21.331	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21656	21.749	ug/l	99
67) Ethyl Benzene	10.195	91	113326	22.048	ug/l	99
68) m/p-Xylenes	10.299	106	80924	43.046	ug/l	94
69) o-Xylene	10.640	106	41048	22.397	ug/l	97
70) Styrene	10.652	104	67392	22.447	ug/l	97
71) Bromoform	10.799	173	15427	20.636	ug/l #	98
73) Isopropylbenzene	10.963	105	110318	22.550	ug/l	100
74) N-amyl acetate	10.841	43	55422	22.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38648	22.544	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32723m	21.634	ug/l	
77) Bromobenzene	11.195	156	24841	21.872	ug/l	99
78) n-propylbenzene	11.305	91	124223	21.838	ug/l	99
79) 2-Chlorotoluene	11.360	91	78907	21.507	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	92894	22.729	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9297	20.011	ug/l	99
82) 4-Chlorotoluene	11.451	91	88804	21.826	ug/l	99
83) tert-Butylbenzene	11.713	119	92557	22.483	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92688	22.395	ug/l	99
85) sec-Butylbenzene	11.890	105	111854	22.129	ug/l	99
86) p-Isopropyltoluene	12.006	119	93040	22.299	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	44995	21.707	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44540	21.040	ug/l	98
89) n-Butylbenzene	12.329	91	79526	21.729	ug/l	98
90) Hexachloroethane	12.536	117	15772	21.457	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46207	22.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9047	23.821	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	25914	21.691	ug/l	99
94) Hexachlorobutadiene	13.725	225	11422	21.891	ug/l	100
95) Naphthalene	13.774	128	102748	23.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	26637	21.608	ug/l	99

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

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