

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046206.D
 Acq On : 15 May 2025 12:11
 Operator : JC/MD
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

Quant Time: May 16 01:03:14 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	89041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84109	50.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	5.379	113	56861	50.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.647	98	195401	49.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	73760	48.884	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27470	20.157	ug/l	99
3) Chloromethane	1.307	50	25723	19.463	ug/l	96
4) Vinyl Chloride	1.374	62	23543	19.141	ug/l	97
5) Bromomethane	1.599	94	10767	18.873	ug/l	96
6) Chloroethane	1.672	64	14786	22.518	ug/l	100
7) Trichlorofluoromethane	1.880	101	37119	20.419	ug/l	97
8) Diethyl Ether	2.136	74	11989	19.374	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	22373	19.888	ug/l	98
10) Methyl Iodide	2.447	142	22577	16.961	ug/l	98
11) Tert butyl alcohol	2.971	59	23531	100.985	ug/l	99
12) 1,1-Dichloroethene	2.312	96	20102	19.040	ug/l	98
13) Acrolein	2.233	56	27834	104.889	ug/l	100
14) Allyl chloride	2.660	41	40941	20.290	ug/l	97
15) Acrylonitrile	3.062	53	69714	104.630	ug/l	98
16) Acetone	2.380	43	68020	102.196	ug/l	96
17) Carbon Disulfide	2.508	76	41692	16.656	ug/l	98
18) Methyl Acetate	2.703	43	35065	22.703	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73662	19.900	ug/l	100
20) Methylene Chloride	2.788	84	24253	19.015	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	20717	19.512	ug/l	97
22) Diisopropyl ether	3.763	45	79562	20.412	ug/l	99
23) Vinyl Acetate	3.721	43	343271	100.132	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43853	20.200	ug/l	98
25) 2-Butanone	4.556	43	102563	106.141	ug/l	100
26) 2,2-Dichloropropane	4.471	77	31325	18.435	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25770	20.161	ug/l	98
28) Bromochloromethane	4.897	49	23586	22.571	ug/l	100
29) Tetrahydrofuran	5.007	42	64418	106.388	ug/l	98
30) Chloroform	5.086	83	47424	20.958	ug/l	95
31) Cyclohexane	5.464	56	37793	19.104	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	39621	20.199	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29760	19.489	ug/l	99
37) Ethyl Acetate	4.715	43	34932	18.516	ug/l	99
38) Carbon Tetrachloride	5.678	117	33518	19.536	ug/l	99
39) Methylcyclohexane	7.373	83	36070	18.348	ug/l	99
40) Benzene	6.031	78	89803	20.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21586	21.872	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39713	20.573	ug/l	99
43) Isopropyl Acetate	6.336	43	57206	19.876	ug/l	99
44) Trichloroethene	7.123	130	20736	19.262	ug/l	92
45) 1,2-Dichloropropane	7.427	63	23243	20.899	ug/l	97
46) Dibromomethane	7.580	93	17546	20.003	ug/l	99
47) Bromodichloromethane	7.818	83	35604	20.608	ug/l	98
48) Methyl methacrylate	7.696	41	30612	20.826	ug/l	98
49) 1,4-Dioxane	7.659	88	12334	441.933	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	203636	106.590	ug/l	98
52) Toluene	8.714	92	54833	19.993	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28369	18.474	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33050	19.473	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	22364	20.680	ug/l	99
56) Ethyl methacrylate	9.116	69	34197	19.841	ug/l	96
57) 1,3-Dichloropropane	9.305	76	40187	20.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	77611	88.326	ug/l	99
59) 2-Hexanone	9.427	43	152217	107.694	ug/l	99
60) Dibromochloromethane	9.519	129	24617	20.728	ug/l	100
61) 1,2-Dibromoethane	9.604	107	22982	20.447	ug/l	98
64) Tetrachloroethene	9.269	164	19195	19.467	ug/l	94
65) Chlorobenzene	10.079	112	59541	19.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20659	19.834	ug/l	99
67) Ethyl Benzene	10.189	91	106589	19.824	ug/l	98
68) m/p-Xylenes	10.299	106	77543	39.431	ug/l	96
69) o-Xylene	10.640	106	38896	20.288	ug/l	99
70) Styrene	10.652	104	64413	20.510	ug/l	99
71) Bromoform	10.799	173	14962	19.133	ug/l #	97
73) Isopropylbenzene	10.957	105	102905	20.095	ug/l	100
74) N-amyl acetate	10.841	43	49890	19.716	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35452	19.755	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31296m	19.767	ug/l	
77) Bromobenzene	11.195	156	23828	20.042	ug/l	99
78) n-propylbenzene	11.299	91	116803	19.617	ug/l	100
79) 2-Chlorotoluene	11.360	91	75590	19.682	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87288	20.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8314	17.096	ug/l	90
82) 4-Chlorotoluene	11.451	91	85228	20.011	ug/l	99
83) tert-Butylbenzene	11.713	119	84725	19.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.209	ug/l	98
85) sec-Butylbenzene	11.890	105	104859	19.818	ug/l	99
86) p-Isopropyltoluene	12.006	119	85808	19.647	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42774	19.714	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	42819	19.324	ug/l	98
89) n-Butylbenzene	12.329	91	70768	18.472	ug/l	98
90) Hexachloroethane	12.536	117	15473	20.109	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	44184	20.293	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7925	19.934	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	22339	17.863	ug/l	98
94) Hexachlorobutadiene	13.725	225	10065	18.428	ug/l	97
95) Naphthalene	13.774	128	81743	17.822	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23429	18.157	ug/l	97

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

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