

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046200.D
 Acq On : 15 May 2025 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 16 00:58:01 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	79845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	140483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75112	50.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.920%			
35) Dibromofluoromethane	5.379	113	51380	50.790	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.641	98	170717	48.757	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.079	95	69053	51.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56833	46.505	ug/l	98
3) Chloromethane	1.307	50	57048	48.137	ug/l	99
4) Vinyl Chloride	1.374	62	48804	44.248	ug/l	99
5) Bromomethane	1.593	94	22954	44.869	ug/l	93
6) Chloroethane	1.666	64	28967	49.195	ug/l	98
7) Trichlorofluoromethane	1.874	101	76531	46.949	ug/l	96
8) Diethyl Ether	2.130	74	28515	51.386	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	46263	45.860	ug/l	98
10) Methyl Iodide	2.441	142	55957	46.879	ug/l	100
11) Tert butyl alcohol	2.977	59	52732	252.367	ug/l	100
12) 1,1-Dichloroethene	2.306	96	42457	44.844	ug/l	97
13) Acrolein	2.233	56	86478	363.413	ug/l	100
14) Allyl chloride	2.654	41	92771	51.271	ug/l	96
15) Acrylonitrile	3.062	53	159896	267.618	ug/l	98
16) Acetone	2.380	43	151558	253.932	ug/l	100
17) Carbon Disulfide	2.502	76	95435	42.518	ug/l	100
18) Methyl Acetate	2.703	43	79721	57.561	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	176719	53.240	ug/l	100
20) Methylene Chloride	2.782	84	54884	47.986	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	45649	47.945	ug/l	99
22) Diisopropyl ether	3.757	45	186066	53.235	ug/l	96
23) Vinyl Acetate	3.715	43	832901	270.938	ug/l	100
24) 1,1-Dichloroethane	3.605	63	97500	50.084	ug/l	98
25) 2-Butanone	4.550	43	232783	268.650	ug/l	100
26) 2,2-Dichloropropane	4.465	77	73154	48.010	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	58063	50.657	ug/l	99
28) Bromochloromethane	4.891	49	48182	51.418	ug/l	99
29) Tetrahydrofuran	4.995	42	146017	268.925	ug/l	99
30) Chloroform	5.086	83	103726	51.119	ug/l	96
31) Cyclohexane	5.458	56	78834	44.439	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	86131	48.968	ug/l	99
36) 1,1-Dichloropropene	5.684	75	63999	47.085	ug/l	99
37) Ethyl Acetate	4.708	43	86942	51.772	ug/l	99
38) Carbon Tetrachloride	5.666	117	71651	46.917	ug/l	99
39) Methylcyclohexane	7.373	83	78483	44.850	ug/l	99
40) Benzene	6.025	78	196502	49.356	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	49819	56.711	ug/l	98
42) 1,2-Dichloroethane	6.080	62	89054	51.827	ug/l	99
43) Isopropyl Acetate	6.336	43	138141	53.921	ug/l	100
44) Trichloroethene	7.117	130	46123	48.134	ug/l	99
45) 1,2-Dichloropropane	7.421	63	52081	52.609	ug/l	100
46) Dibromomethane	7.574	93	40833	52.296	ug/l	99
47) Bromodichloromethane	7.818	83	82190	53.445	ug/l	96
48) Methyl methacrylate	7.690	41	71677	54.783	ug/l	100
49) 1,4-Dioxane	7.659	88	26335	1060.072	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	471283	277.135	ug/l	99
52) Toluene	8.714	92	122389	50.134	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	75119	54.955	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	81846	54.175	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	51510	53.511	ug/l	97
56) Ethyl methacrylate	9.110	69	86310	56.258	ug/l	99
57) 1,3-Dichloropropane	9.305	76	90587	52.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	213841	273.403	ug/l	99
59) 2-Hexanone	9.427	43	351840	279.654	ug/l	100
60) Dibromochloromethane	9.519	129	58754	55.578	ug/l	99
61) 1,2-Dibromoethane	9.604	107	53563	53.537	ug/l	97
64) Tetrachloroethene	9.269	164	41562	46.025	ug/l	98
65) Chlorobenzene	10.073	112	135968	48.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	48145	50.472	ug/l	100
67) Ethyl Benzene	10.189	91	238829	48.501	ug/l	99
68) m/p-Xylenes	10.299	106	176993	98.275	ug/l	97
69) o-Xylene	10.640	106	87589	49.886	ug/l	98
70) Styrene	10.653	104	151684	52.738	ug/l	99
71) Bromoform	10.799	173	38476	53.725	ug/l #	96
73) Isopropylbenzene	10.957	105	230998	47.190	ug/l	100
74) N-amyl acetate	10.841	43	122108	50.481	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83590	48.729	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	74157m	48.998	ug/l	
77) Bromobenzene	11.195	156	55464	48.804	ug/l	98
78) n-propylbenzene	11.299	91	269850	47.411	ug/l	99
79) 2-Chlorotoluene	11.360	91	171147	46.619	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	199182	48.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22862	49.180	ug/l	98
82) 4-Chlorotoluene	11.451	91	199920	49.106	ug/l	99
83) tert-Butylbenzene	11.713	119	196965	47.815	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	204684	49.424	ug/l	99
85) sec-Butylbenzene	11.890	105	243197	48.084	ug/l	99
86) p-Isopropyltoluene	12.006	119	202544	48.515	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102510	49.424	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	102366	48.327	ug/l	100
89) n-Butylbenzene	12.329	91	180561	49.306	ug/l	99
90) Hexachloroethane	12.536	117	35781	48.648	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	104120	50.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20011	52.658	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	60954	50.990	ug/l	97
94) Hexachlorobutadiene	13.719	225	24369	46.676	ug/l	98
95) Naphthalene	13.774	128	219899	50.155	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63516	51.494	ug/l	97

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

