

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046826.D
 Acq On : 23 Jun 2025 17:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/24/2025
 Supervised By :Semsettin Yesilyurt 06/24/2025

Quant Time: Jun 24 04:10:47 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	138522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	87780	45.814	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.620%		
35) Dibromofluoromethane	5.397	113	72231	47.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.652	98	259694	47.306	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.620%		
62) 4-Bromofluorobenzene	11.079	95	100093	48.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.184	85	69555	47.032	ug/l	99
3) Chloromethane	1.306	50	76122	47.687	ug/l	99
4) Vinyl Chloride	1.386	62	79719	46.832	ug/l	97
5) Bromomethane	1.617	94	46962	49.036	ug/l	97
6) Chloroethane	1.703	64	50692	49.134	ug/l	97
7) Trichlorofluoromethane	1.904	101	119655	46.294	ug/l	99
8) Diethyl Ether	2.148	74	43361	48.883	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	76247	48.086	ug/l	97
10) Methyl Iodide	2.465	142	82882	42.471	ug/l	99
11) Tert butyl alcohol	2.965	59	41757	242.813	ug/l	100
12) 1,1-Dichloroethene	2.337	96	74923	48.968	ug/l	99
13) Acrolein	2.251	56	90916	362.953	ug/l	99
14) Allyl chloride	2.678	41	134834	48.638	ug/l	96
15) Acrylonitrile	3.074	53	201953	261.162	ug/l	99
16) Acetone	2.385	43	152909	239.316	ug/l	100
17) Carbon Disulfide	2.532	76	187095	40.493	ug/l	98
18) Methyl Acetate	2.715	43	88801	54.720	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	227723	47.800	ug/l	100
20) Methylene Chloride	2.806	84	82453	46.403	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	77521	47.351	ug/l	98
22) Diisopropyl ether	3.769	45	267475	50.197	ug/l	93
23) Vinyl Acetate	3.733	43	1064198	251.154	ug/l	100
24) 1,1-Dichloroethane	3.623	63	144996	47.927	ug/l	99
25) 2-Butanone	4.562	43	238479	263.906	ug/l	99
26) 2,2-Dichloropropane	4.489	77	98615	44.692	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	93199	48.455	ug/l	98
28) Bromochloromethane	4.909	49	66631	48.580	ug/l	99
29) Tetrahydrofuran	5.013	42	159077	272.542	ug/l	98
30) Chloroform	5.104	83	145918	48.229	ug/l	97
31) Cyclohexane	5.482	56	134083	46.735	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	121500	45.789	ug/l	100
36) 1,1-Dichloropropene	5.702	75	100988	45.786	ug/l	97
37) Ethyl Acetate	4.726	43	98051	48.160	ug/l	97
38) Carbon Tetrachloride	5.690	117	105655	44.139	ug/l	99
39) Methylcyclohexane	7.384	83	134421	46.312	ug/l	99
40) Benzene	6.049	78	312767	47.914	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	58459	53.860	ug/l	95
42) 1,2-Dichloroethane	6.092	62	106340	46.359	ug/l	98
43) Isopropyl Acetate	6.342	43	161435	50.672	ug/l	99
44) Trichloroethene	7.134	130	78395	47.125	ug/l	98
45) 1,2-Dichloropropane	7.433	63	77895	48.150	ug/l	97
46) Dibromomethane	7.586	93	55310	47.572	ug/l	98
47) Bromodichloromethane	7.823	83	112284	47.325	ug/l	99
48) Methyl methacrylate	7.695	41	84295	52.757	ug/l	98
49) 1,4-Dioxane	7.665	88	21670	934.220	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	499215	262.728	ug/l	100
52) Toluene	8.720	92	194367	48.031	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	103688	47.101	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118765	47.523	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	73316	48.616	ug/l	99
56) Ethyl methacrylate	9.116	69	114980	51.650	ug/l	99
57) 1,3-Dichloropropane	9.311	76	126254	48.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	325338	281.338	ug/l	100
59) 2-Hexanone	9.433	43	348560	265.342	ug/l	100
60) Dibromochloromethane	9.518	129	84222	47.390	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75036	48.916	ug/l	99
64) Tetrachloroethene	9.274	164	65746	46.296	ug/l	98
65) Chlorobenzene	10.079	112	212077	46.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	70940	46.650	ug/l	98
67) Ethyl Benzene	10.195	91	376617	47.638	ug/l	98
68) m/p-Xylenes	10.299	106	281677	95.620	ug/l	100
69) o-Xylene	10.640	106	137337	49.747	ug/l	97
70) Styrene	10.652	104	237476	49.153	ug/l	99
71) Bromoform	10.798	173	55018	47.507	ug/l #	99
73) Isopropylbenzene	10.963	105	359455	46.803	ug/l	100
74) N-amyl acetate	10.841	43	146123	50.217	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	104364	48.666	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	84035m	43.999	ug/l	
77) Bromobenzene	11.195	156	86766	46.947	ug/l	99
78) n-propylbenzene	11.304	91	428687	46.994	ug/l	99
79) 2-Chlorotoluene	11.359	91	249176	45.750	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	297843	47.192	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30489	45.122	ug/l	99
82) 4-Chlorotoluene	11.451	91	290539	45.708	ug/l	99
83) tert-Butylbenzene	11.713	119	300598	46.077	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	296884	46.820	ug/l	100
85) sec-Butylbenzene	11.890	105	385190	46.718	ug/l	99
86) p-Isopropyltoluene	12.006	119	321266	46.181	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162110	44.986	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	163929	44.288	ug/l	99
89) n-Butylbenzene	12.329	91	304722	46.134	ug/l	100
90) Hexachloroethane	12.536	117	52011	42.695	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	155217	46.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19853	46.892	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	110022	45.955	ug/l	100
94) Hexachlorobutadiene	13.719	225	43781	43.472	ug/l	98
95) Naphthalene	13.774	128	331705	48.631	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	105926	46.247	ug/l	100

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

