

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046040.D
 Acq On : 05 May 2025 11:12
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:07:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	5958	2.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	5.820%#		
35) Dibromofluoromethane	5.379	113	3893	2.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	5.700%#		
50) Toluene-d8	8.647	98	12836	2.789	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	5.580%#		
62) 4-Bromofluorobenzene	11.079	95	4463	2.665	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	5.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	3813	2.512	ug/l	86
3) Chloromethane	1.307	50	3944	2.639	ug/l	92
4) Vinyl Chloride	1.374	62	3278	2.503	ug/l	90
5) Bromomethane	1.599	94	1834	2.762	ug/l	87
6) Chloroethane	1.673	64	1794	2.659	ug/l #	88
7) Trichlorofluoromethane	1.880	101	5308	2.661	ug/l	88
8) Diethyl Ether	2.130	74	1708	2.605	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.319	101	3040	2.551	ug/l	95
10) Methyl Iodide	2.447	142	3411	2.438	ug/l	95
11) Tert butyl alcohol	2.965	59	3001	12.309	ug/l #	94
12) 1,1-Dichloroethene	2.313	96	3055	2.633	ug/l	95
13) Acrolein	2.233	56	3481	12.292	ug/l	92
14) Allyl chloride	2.660	41	5590	2.549	ug/l	98
15) Acrylonitrile	3.063	53	9431	12.930	ug/l	96
16) Acetone	2.380	43	9162	13.092	ug/l	98
17) Carbon Disulfide	2.502	76	6716	2.498	ug/l	97
18) Methyl Acetate	2.703	43	4477	2.680	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	10363	2.561	ug/l	96
20) Methylene Chloride	2.782	84	3931	2.773	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	3153	2.662	ug/l	96
22) Diisopropyl ether	3.758	45	10040	2.451	ug/l #	63
23) Vinyl Acetate	3.721	43	43567	12.034	ug/l	98
24) 1,1-Dichloroethane	3.599	63	6258	2.599	ug/l	98
25) 2-Butanone	4.568	43	12524	12.398	ug/l	97
26) 2,2-Dichloropropane	4.477	77	4640	2.544	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	3766	2.637	ug/l	93
28) Bromochloromethane	4.898	49	3661	2.859	ug/l	99
29) Tetrahydrofuran	5.013	42	8362	12.746	ug/l	97
30) Chloroform	5.093	83	6597	2.636	ug/l	90
31) Cyclohexane	5.465	56	4995	2.461	ug/l	88
32) 1,1,1-Trichloroethane	5.379	97	5541	2.568	ug/l	96
36) 1,1-Dichloropropene	5.690	75	3975	2.506	ug/l	99
37) Ethyl Acetate	4.733	43	5036	2.531	ug/l #	89
38) Carbon Tetrachloride	5.672	117	4610	2.530	ug/l	93
39) Methylcyclohexane	7.373	83	4812	2.421	ug/l	89
40) Benzene	6.032	78	12763	2.596	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
 Data File : VX046040.D
 Acq On : 05 May 2025 11:12
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2025
 Supervised By : Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:07:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 06:04:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2775	2.510	ug/l #	40
42) 1,2-Dichloroethane	6.092	62	5092	2.505	ug/l	100
43) Isopropyl Acetate	6.355	43	7325	2.408	ug/l	94
44) Trichloroethene	7.129	130	2953	2.541	ug/l	99
45) 1,2-Dichloropropane	7.434	63	3114	2.550	ug/l	91
46) Dibromomethane	7.580	93	2495	2.591	ug/l	96
47) Bromodichloromethane	7.824	83	4657	2.496	ug/l #	96
48) Methyl methacrylate	7.696	41	3855m	2.468	ug/l	
49) 1,4-Dioxane	7.665	88	1603	51.631	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	24334	12.199	ug/l	96
52) Toluene	8.720	92	7320	2.511	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	3482	2.222	ug/l #	87
54) cis-1,3-Dichloropropene	8.366	75	4399	2.407	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	3026	2.569	ug/l #	91
56) Ethyl methacrylate	9.122	69	4271	2.340	ug/l	98
57) 1,3-Dichloropropane	9.311	76	5402	2.587	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	8395	10.233	ug/l	98
59) 2-Hexanone	9.433	43	18672	12.333	ug/l	92
60) Dibromochloromethane	9.519	129	3111	2.426	ug/l	97
61) 1,2-Dibromoethane	9.610	107	3041	2.514	ug/l	100
64) Tetrachloroethene	9.275	164	2804	2.629	ug/l	88
65) Chlorobenzene	10.080	112	8429	2.623	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	2694	2.513	ug/l	88
67) Ethyl Benzene	10.195	91	13547	2.472	ug/l	95
68) m/p-Xylenes	10.299	106	9670	4.886	ug/l	93
69) o-Xylene	10.640	106	5020	2.516	ug/l	99
70) Styrene	10.659	104	7611	2.384	ug/l	96
71) Bromoform	10.799	173	1914	2.377	ug/l #	98
73) Isopropylbenzene	10.957	105	12530	2.554	ug/l	98
74) N-amyl acetate	10.842	43	6102	2.495	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.207	83	4765	2.730	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	3853m	2.055	ug/l	
77) Bromobenzene	11.195	156	2950	2.599	ug/l	98
78) n-propylbenzene	11.305	91	13477	2.451	ug/l	97
79) 2-Chlorotoluene	11.360	91	9846	2.657	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	10301	2.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	1069	2.372	ug/l	97
82) 4-Chlorotoluene	11.457	91	10425	2.559	ug/l	100
83) tert-Butylbenzene	11.713	119	10093	2.523	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10163	2.498	ug/l	98
85) sec-Butylbenzene	11.890	105	12342	2.485	ug/l	99
86) p-Isopropyltoluene	12.006	119	9696	2.418	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	5533	2.617	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	5348	2.581	ug/l	87
89) n-Butylbenzene	12.335	91	8149	2.338	ug/l	98
90) Hexachloroethane	12.536	117	1874	2.512	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	5315	2.581	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1007	2.535	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	2639	2.341	ug/l	98
94) Hexachlorobutadiene	13.725	225	1375	2.607	ug/l	96
95) Naphthalene	13.774	128	9667	2.354	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2839	2.401	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050525\
Data File : VX046040.D
Acq On : 05 May 2025 11:12
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Quant Time: May 06 06:07:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 06:04:56 2025
Response via : Initial Calibration

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

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

