

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	396691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	652365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	592225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	309407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	28658	5.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.940%#		
35) Dibromofluoromethane	5.397	113	23179	5.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.460%#		
50) Toluene-d8	8.647	98	83349	5.335	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.079	95	32156	5.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.840%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.178	85	17184	4.530	ug/l	99
3) Chloromethane	1.306	50	20130	4.857	ug/l	95
4) Vinyl Chloride	1.386	62	21789	4.827	ug/l	99
5) Bromomethane	1.623	94	15966	5.505	ug/l	93
6) Chloroethane	1.703	64	14497	4.864	ug/l	97
7) Trichlorofluoromethane	1.904	101	34689	4.970	ug/l	98
8) Diethyl Ether	2.148	74	12204	4.914	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	22655	5.094	ug/l	98
10) Methyl Iodide	2.465	142	18441	3.806	ug/l	95
11) Tert butyl alcohol	2.952	59	8771	25.519	ug/l	100
12) 1,1-Dichloroethene	2.337	96	22008	5.116	ug/l	100
13) Acrolein	2.245	56	14598	40.835	ug/l	98
14) Allyl chloride	2.678	41	37266	4.866	ug/l	95
15) Acrylonitrile	3.074	53	47130	23.621	ug/l	100
16) Acetone	2.385	43	41693	25.612	ug/l	94
17) Carbon Disulfide	2.526	76	56543	5.012	ug/l	98
18) Methyl Acetate	2.715	43	18796	4.381	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58304	4.800	ug/l	96
20) Methylene Chloride	2.800	84	24790	5.150	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	22385	5.086	ug/l	98
22) Diisopropyl ether	3.763	45	72646	4.910	ug/l #	74
23) Vinyl Acetate	3.733	43	265941	23.992	ug/l	97
24) 1,1-Dichloroethane	3.617	63	42994	5.095	ug/l	97
25) 2-Butanone	4.568	43	53597	24.678	ug/l	99
26) 2,2-Dichloropropane	4.483	77	29599	4.713	ug/l	79
27) cis-1,2-Dichloroethene	4.501	96	26549	4.940	ug/l	96
28) Bromochloromethane	4.915	49	21555	5.176	ug/l	94
29) Tetrahydrofuran	5.019	42	32120	23.200	ug/l	98
30) Chloroform	5.098	83	43886	5.091	ug/l	99
31) Cyclohexane	5.482	56	38601	5.153	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	35598	4.943	ug/l	95
36) 1,1-Dichloropropene	5.702	75	31138	5.212	ug/l	98
37) Ethyl Acetate	4.733	43	24519	4.818	ug/l #	92
38) Carbon Tetrachloride	5.690	117	32963	5.151	ug/l	93
39) Methylcyclohexane	7.385	83	38332	5.129	ug/l	99
40) Benzene	6.043	78	94260	5.216	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046861.D
 Acq On : 02 Jul 2025 12:37
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	12777	4.707	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	31102	5.068	ug/l	98
43) Isopropyl Acetate	6.348	43	36681	4.706	ug/l	98
44) Trichloroethene	7.128	130	24587	5.227	ug/l	98
45) 1,2-Dichloropropane	7.433	63	22205	4.863	ug/l	91
46) Dibromomethane	7.586	93	16018	5.063	ug/l	99
47) Bromodichloromethane	7.824	83	33143	4.907	ug/l	99
48) Methyl methacrylate	7.702	41	19166	4.762	ug/l	98
49) 1,4-Dioxane	7.671	88	4647	99.650	ug/l #	90
51) 4-Methyl-2-Pentanone	8.573	43	110844	24.096	ug/l	100
52) Toluene	8.720	92	58295	5.206	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	28142	4.668	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	32562	4.732	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	21431	5.138	ug/l	96
56) Ethyl methacrylate	9.122	69	26665	4.619	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37000	5.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76711	23.583	ug/l	99
59) 2-Hexanone	9.433	43	73995	24.251	ug/l	94
60) Dibromochloromethane	9.518	129	25465	5.101	ug/l	96
61) 1,2-Dibromoethane	9.610	107	20695	4.940	ug/l	98
64) Tetrachloroethene	9.274	164	20514	5.203	ug/l	97
65) Chlorobenzene	10.079	112	66148	5.166	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20533	4.770	ug/l	94
67) Ethyl Benzene	10.195	91	110637	5.046	ug/l	97
68) m/p-Xylenes	10.299	106	84083	10.176	ug/l	100
69) o-Xylene	10.640	106	40078	5.021	ug/l	99
70) Styrene	10.652	104	68250	4.998	ug/l	99
71) Bromoform	10.799	173	15461	4.831	ug/l #	99
73) Isopropylbenzene	10.963	105	106065	4.876	ug/l	98
74) N-amyl acetate	10.841	43	33387	4.517	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29333	4.905	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	22279m	4.660	ug/l	
77) Bromobenzene	11.195	156	27534	5.082	ug/l	95
78) n-propylbenzene	11.298	91	130658	4.982	ug/l	97
79) 2-Chlorotoluene	11.359	91	78075	5.042	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86020	4.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7304	4.100	ug/l #	81
82) 4-Chlorotoluene	11.451	91	90236	5.049	ug/l	100
83) tert-Butylbenzene	11.713	119	88998	4.876	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	88868	4.975	ug/l	95
85) sec-Butylbenzene	11.890	105	115141	5.003	ug/l	100
86) p-Isopropyltoluene	12.006	119	97742	5.072	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51500	5.083	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	54943	5.210	ug/l	95
89) n-Butylbenzene	12.329	91	89435	4.939	ug/l	97
90) Hexachloroethane	12.536	117	16170	4.733	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	49253	5.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	4675	4.469	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	31558	4.731	ug/l	100
94) Hexachlorobutadiene	13.719	225	12292	4.886	ug/l	97
95) Naphthalene	13.774	128	78483	4.465	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	29854	4.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
Data File : VX046861.D
Acq On : 02 Jul 2025 12:37
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:30:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

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

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

