

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 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 : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 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	5.537	168	95080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86766	48.949	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	5.373	113	59999	51.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.040%		
50) Toluene-d8	8.641	98	197841	49.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	77871	50.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73733	50.666	ug/l	98
3) Chloromethane	1.300	50	68253	48.364	ug/l	99
4) Vinyl Chloride	1.374	62	62535	47.612	ug/l	99
5) Bromomethane	1.593	94	28042	46.032	ug/l	97
6) Chloroethane	1.666	64	35734	50.964	ug/l	99
7) Trichlorofluoromethane	1.873	101	98615	50.803	ug/l	99
8) Diethyl Ether	2.129	74	32223	48.764	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	60440	50.314	ug/l	99
10) Methyl Iodide	2.440	142	66552	46.821	ug/l	99
11) Tert butyl alcohol	2.971	59	60414	242.803	ug/l	100
12) 1,1-Dichloroethene	2.306	96	53753	47.678	ug/l	95
13) Acrolein	2.233	56	90969	321.031	ug/l	99
14) Allyl chloride	2.654	41	111182	51.600	ug/l	98
15) Acrylonitrile	3.062	53	181499	255.100	ug/l	98
16) Acetone	2.379	43	182996	257.477	ug/l	100
17) Carbon Disulfide	2.501	76	120535	45.096	ug/l	100
18) Methyl Acetate	2.703	43	97480	59.105	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	203555	51.499	ug/l	100
20) Methylene Chloride	2.782	84	63593	46.691	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	54097	47.714	ug/l	95
22) Diisopropyl ether	3.757	45	215610	51.803	ug/l	94
23) Vinyl Acetate	3.715	43	930126	254.084	ug/l	99
24) 1,1-Dichloroethane	3.599	63	117763	50.800	ug/l	99
25) 2-Butanone	4.550	43	262160	254.074	ug/l	99
26) 2,2-Dichloropropane	4.458	77	95337	52.543	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67216	49.246	ug/l	99
28) Bromochloromethane	4.885	49	52685	47.215	ug/l	97
29) Tetrahydrofuran	4.995	42	162193	250.853	ug/l	98
30) Chloroform	5.080	83	122654	50.762	ug/l	95
31) Cyclohexane	5.458	56	98339	46.552	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106109	50.660	ug/l	99
36) 1,1-Dichloropropene	5.678	75	76348	48.791	ug/l	99
37) Ethyl Acetate	4.702	43	97045	50.197	ug/l	99
38) Carbon Tetrachloride	5.665	117	89504	50.907	ug/l	96
39) Methylcyclohexane	7.372	83	96076	47.691	ug/l	97
40) Benzene	6.025	78	228406	49.833	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 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 : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 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)
41) Methacrylonitrile	4.909	41	56109	55.480	ug/l	99
42) 1,2-Dichloroethane	6.074	62	99497	50.298	ug/l	100
43) Isopropyl Acetate	6.330	43	156279	52.987	ug/l	99
44) Trichloroethene	7.116	130	55656	50.452	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59253	51.990	ug/l	98
46) Dibromomethane	7.574	93	45422	50.531	ug/l	99
47) Bromodichloromethane	7.811	83	94679	53.478	ug/l	96
48) Methyl methacrylate	7.689	41	81658	54.212	ug/l	98
49) 1,4-Dioxane	7.653	88	27967	977.870	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	514742	262.926	ug/l	99
52) Toluene	8.714	92	138588	49.311	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85646	54.425	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94157	54.136	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57326	51.730	ug/l	98
56) Ethyl methacrylate	9.110	69	94728	53.634	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98942	49.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	246422	273.669	ug/l	100
59) 2-Hexanone	9.427	43	382250	263.910	ug/l	100
60) Dibromochloromethane	9.518	129	66902	54.971	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58066	50.413	ug/l	95
64) Tetrachloroethene	9.268	164	52030	52.359	ug/l	98
65) Chlorobenzene	10.073	112	151979	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54978	52.376	ug/l	99
67) Ethyl Benzene	10.189	91	276408	51.011	ug/l	100
68) m/p-Xylenes	10.299	106	202607	102.233	ug/l	98
69) o-Xylene	10.640	106	99977	51.746	ug/l	99
70) Styrene	10.652	104	170672	53.925	ug/l	100
71) Bromoform	10.799	173	43139	54.740	ug/l #	97
73) Isopropylbenzene	10.957	105	271177	51.463	ug/l	100
74) N-amyl acetate	10.841	43	134729	51.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87943	47.625	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80571m	49.455	ug/l	
77) Bromobenzene	11.195	156	60921	49.799	ug/l	99
78) n-propylbenzene	11.299	91	316117	51.595	ug/l	100
79) 2-Chlorotoluene	11.360	91	193981	49.086	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	226364	51.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	26609	53.175	ug/l	98
82) 4-Chlorotoluene	11.451	91	225123	51.369	ug/l	99
83) tert-Butylbenzene	11.713	119	223522	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231302	51.885	ug/l	99
85) sec-Butylbenzene	11.890	105	283817	52.129	ug/l	100
86) p-Isopropyltoluene	12.006	119	234688	52.222	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	112832	50.537	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113352	49.713	ug/l	100
89) n-Butylbenzene	12.329	91	212152	53.818	ug/l	100
90) Hexachloroethane	12.536	117	41588	52.527	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	114456	51.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21272	52.001	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66110	51.375	ug/l	99
94) Hexachlorobutadiene	13.725	225	28949	51.510	ug/l	98
95) Naphthalene	13.774	128	233630	49.502	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68077	51.272	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046284.D
Acq On : 21 May 2025 09:55
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 :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 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)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 22 01:44:00 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

Manual Integrations APPROVED

Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

