

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046376.D
 Acq On : 28 May 2025 11:22
 Operator : JC/MD
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:32:44 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	88698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	136772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88495	53.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.040%			
35) Dibromofluoromethane	5.379	113	61342	55.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.940%			
50) Toluene-d8	8.647	98	202348	52.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.079	95	77035	52.467	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24672	18.173	ug/l	95
3) Chloromethane	1.306	50	22378	16.998	ug/l	99
4) Vinyl Chloride	1.374	62	20957	17.104	ug/l	99
5) Bromomethane	1.599	94	10161	17.880	ug/l	99
6) Chloroethane	1.672	64	12540	19.171	ug/l	100
7) Trichlorofluoromethane	1.880	101	34700	19.162	ug/l	93
8) Diethyl Ether	2.136	74	11803	19.147	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	22714	20.269	ug/l	97
10) Methyl Iodide	2.447	142	23435	17.673	ug/l	100
11) Tert butyl alcohol	2.965	59	24945	107.467	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19260	18.313	ug/l	91
13) Acrolein	2.233	56	25336	95.844	ug/l	98
14) Allyl chloride	2.660	41	39702	19.752	ug/l	98
15) Acrylonitrile	3.062	53	71698	108.024	ug/l	99
16) Acetone	2.379	43	69093	104.209	ug/l	99
17) Carbon Disulfide	2.507	76	36798	14.758	ug/l	98
18) Methyl Acetate	2.703	43	39690	25.797	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	73811	20.017	ug/l	97
20) Methylene Chloride	2.782	84	23640	18.606	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	20115	19.018	ug/l	97
22) Diisopropyl ether	3.757	45	80722	20.790	ug/l	90
23) Vinyl Acetate	3.721	43	336175	98.441	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44115	20.399	ug/l	99
25) 2-Butanone	4.556	43	104386	108.446	ug/l	99
26) 2,2-Dichloropropane	4.464	77	32666	19.298	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	24991	19.627	ug/l	99
28) Bromochloromethane	4.891	49	23330	22.412	ug/l	95
29) Tetrahydrofuran	5.007	42	65742	108.995	ug/l	97
30) Chloroform	5.086	83	47312	20.989	ug/l	97
31) Cyclohexane	5.458	56	35744	18.138	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	39333	20.130	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28280	19.032	ug/l	99
37) Ethyl Acetate	4.714	43	36664	19.971	ug/l	99
38) Carbon Tetrachloride	5.672	117	32817	19.656	ug/l	96
39) Methylcyclohexane	7.379	83	33924	17.734	ug/l	97
40) Benzene	6.031	78	86914	19.969	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
 Data File : VX046376.D
 Acq On : 28 May 2025 11:22
 Operator : JC/MD
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:32:44 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	4.916	41	21656	22.550	ug/l	98
42) 1,2-Dichloroethane	6.086	62	39239	20.889	ug/l	98
43) Isopropyl Acetate	6.342	43	58339	20.830	ug/l	98
44) Trichloroethene	7.122	130	20298	19.377	ug/l	100
45) 1,2-Dichloropropane	7.427	63	22612	20.894	ug/l	99
46) Dibromomethane	7.580	93	17661	20.691	ug/l	98
47) Bromodichloromethane	7.817	83	35538	21.139	ug/l	99
48) Methyl methacrylate	7.689	41	30141	21.073	ug/l	99
49) 1,4-Dioxane	7.659	88	12243	450.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	205958	110.786	ug/l	98
52) Toluene	8.714	92	53556	20.067	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29144	19.503	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32934	19.941	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	22722	21.592	ug/l	97
56) Ethyl methacrylate	9.116	69	34502	20.572	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39314	20.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	88596	103.615	ug/l	99
59) 2-Hexanone	9.427	43	153303	111.461	ug/l	98
60) Dibromochloromethane	9.518	129	23934	20.710	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22530	20.599	ug/l	97
64) Tetrachloroethene	9.268	164	18928	19.559	ug/l	95
65) Chlorobenzene	10.079	112	57290	19.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20507	20.061	ug/l	99
67) Ethyl Benzene	10.189	91	102921	19.504	ug/l	100
68) m/p-Xylenes	10.299	106	75118	38.921	ug/l	96
69) o-Xylene	10.640	106	37345	19.848	ug/l	95
70) Styrene	10.652	104	61640	19.999	ug/l	98
71) Bromoform	10.799	173	14772	19.248	ug/l #	97
73) Isopropylbenzene	10.957	105	100694	20.459	ug/l	100
74) N-amyl acetate	10.841	43	48509	19.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35882	20.804	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30192m	19.841	ug/l	
77) Bromobenzene	11.195	156	22781	19.937	ug/l	99
78) n-propylbenzene	11.299	91	112343	19.631	ug/l	100
79) 2-Chlorotoluene	11.360	91	72418	19.619	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	84666	20.591	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8839	18.911	ug/l	95
82) 4-Chlorotoluene	11.451	91	81600	19.934	ug/l	97
83) tert-Butylbenzene	11.713	119	82895	20.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	84211	20.224	ug/l	100
85) sec-Butylbenzene	11.890	105	102522	20.160	ug/l	99
86) p-Isopropyltoluene	12.006	119	83827	19.970	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	41895	20.090	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41394	19.436	ug/l	98
89) n-Butylbenzene	12.329	91	70818	19.233	ug/l	98
90) Hexachloroethane	12.536	117	14427	19.509	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	42966	20.532	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8202	21.466	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	22610	18.811	ug/l	96
94) Hexachlorobutadiene	13.725	225	10501	20.004	ug/l	98
95) Naphthalene	13.774	128	82605	18.738	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	22972	18.523	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052825\
Data File : VX046376.D
Acq On : 28 May 2025 11:22
Operator : JC/MD
Sample : VX0528WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:32:44 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\VX052825\
Data File : VX046376.D
Acq On : 28 May 2025 11:22
Operator : JC/MD
Sample : VX0528WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/29/2025
Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:32:44 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

