

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046731.D
 Acq On : 18 Jun 2025 11:07
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 01:20:13 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	156160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	258286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	121898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107357	49.703	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.400%			
35) Dibromofluoromethane	5.397	113	86297	50.499	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.653	98	315181	51.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	123307	53.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	32855	19.707	ug/l	97
3) Chloromethane	1.307	50	34478	19.159	ug/l	100
4) Vinyl Chloride	1.386	62	36804	19.179	ug/l	96
5) Bromomethane	1.624	94	23617	21.875	ug/l	95
6) Chloroethane	1.703	64	22373	19.236	ug/l	99
7) Trichlorofluoromethane	1.904	101	55899	19.184	ug/l	98
8) Diethyl Ether	2.142	74	18908	18.908	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	34125	19.090	ug/l	98
10) Methyl Iodide	2.465	142	34275	18.324	ug/l	97
11) Tert butyl alcohol	2.953	59	15315	78.997	ug/l	98
12) 1,1-Dichloroethene	2.337	96	32329	18.743	ug/l	94
13) Acrolein	2.245	56	23404	82.880	ug/l	98
14) Allyl chloride	2.678	41	56826	18.183	ug/l	99
15) Acrylonitrile	3.075	53	77636	89.058	ug/l	98
16) Acetone	2.386	43	64756	89.902	ug/l	97
17) Carbon Disulfide	2.526	76	90862	17.444	ug/l	98
18) Methyl Acetate	2.715	43	32677	17.862	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	96927	18.047	ug/l	99
20) Methylene Chloride	2.800	84	36406	18.175	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	34031	18.439	ug/l	99
22) Diisopropyl ether	3.770	45	115948	19.302	ug/l	99
23) Vinyl Acetate	3.733	43	442736	92.685	ug/l	99
24) 1,1-Dichloroethane	3.623	63	63885	18.731	ug/l	100
25) 2-Butanone	4.562	43	91591	89.908	ug/l	96
26) 2,2-Dichloropropane	4.489	77	47652	19.157	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	40662	18.753	ug/l	99
28) Bromochloromethane	4.910	49	33976	21.974	ug/l	98
29) Tetrahydrofuran	5.013	42	59051	89.743	ug/l	99
30) Chloroform	5.105	83	64462	18.899	ug/l	98
31) Cyclohexane	5.477	56	60903	18.830	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	56117	18.760	ug/l	99
36) 1,1-Dichloropropene	5.702	75	45886	18.601	ug/l	99
37) Ethyl Acetate	4.727	43	36646	16.094	ug/l #	95
38) Carbon Tetrachloride	5.684	117	49192	18.375	ug/l	98
39) Methylcyclohexane	7.385	83	60470	18.628	ug/l	98
40) Benzene	6.050	78	137579	18.845	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046731.D
 Acq On : 18 Jun 2025 11:07
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 01:20:13 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)
41) Methacrylonitrile	4.934	41	22309	18.378	ug/l	99
42) 1,2-Dichloroethane	6.092	62	48245	18.805	ug/l	99
43) Isopropyl Acetate	6.348	43	64595	18.129	ug/l	99
44) Trichloroethene	7.135	130	34115	18.336	ug/l	99
45) 1,2-Dichloropropane	7.434	63	33537	18.535	ug/l	98
46) Dibromomethane	7.586	93	24500	18.841	ug/l	99
47) Bromodichloromethane	7.824	83	49606	18.694	ug/l	97
48) Methyl methacrylate	7.696	41	32385	18.122	ug/l	98
49) 1,4-Dioxane	7.665	88	8212	335.186	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	194118	91.344	ug/l	99
52) Toluene	8.720	92	86400	19.090	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	44965	18.263	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	51349	18.372	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	31497	18.674	ug/l	96
56) Ethyl methacrylate	9.116	69	46060	18.500	ug/l	99
57) 1,3-Dichloropropane	9.311	76	54758	18.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	130389	100.816	ug/l	99
59) 2-Hexanone	9.427	43	135469	92.207	ug/l	100
60) Dibromochloromethane	9.519	129	37303	18.767	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32821	19.131	ug/l	98
64) Tetrachloroethene	9.275	164	29423	18.146	ug/l	97
65) Chlorobenzene	10.079	112	94744	18.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	32350	18.632	ug/l	100
67) Ethyl Benzene	10.195	91	165227	18.304	ug/l	99
68) m/p-Xylenes	10.299	106	125249	37.239	ug/l	98
69) o-Xylene	10.640	106	60319	19.136	ug/l	97
70) Styrene	10.652	104	103726	18.804	ug/l	100
71) Bromoform	10.799	173	23678	17.907	ug/l #	100
73) Isopropylbenzene	10.963	105	161068	17.941	ug/l	99
74) N-amyl acetate	10.841	43	58929	17.325	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	44152	17.613	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40073m	17.949	ug/l	
77) Bromobenzene	11.195	156	38841	17.979	ug/l	99
78) n-propylbenzene	11.305	91	192217	18.026	ug/l	100
79) 2-Chlorotoluene	11.360	91	113441	17.818	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	133755	18.130	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12597	15.949	ug/l	99
82) 4-Chlorotoluene	11.451	91	131603	17.712	ug/l	98
83) tert-Butylbenzene	11.713	119	135643	17.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134740	18.178	ug/l	100
85) sec-Butylbenzene	11.890	105	173686	18.021	ug/l	100
86) p-Isopropyltoluene	12.006	119	146235	17.983	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	72321	17.169	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	73790	17.054	ug/l	99
89) n-Butylbenzene	12.329	91	137335	17.787	ug/l	100
90) Hexachloroethane	12.536	117	24540	17.233	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	70063	17.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8079	16.324	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	48663	17.388	ug/l	98
94) Hexachlorobutadiene	13.719	225	21242	18.044	ug/l	98
95) Naphthalene	13.774	128	136183	17.080	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	46661	17.428	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
Data File : VX046731.D
Acq On : 18 Jun 2025 11:07
Operator : JC/MD
Sample : VX0618WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0618WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 01:20:13 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)
----------	------	------	----------	------	-------	----------

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

