

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046763.D
 Acq On : 19 Jun 2025 11:51
 Operator : JC/MD
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:17:34 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	120371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85794	51.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.060%			
35) Dibromofluoromethane	5.391	113	69686	52.795	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	249730	52.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.320%			
62) 4-Bromofluorobenzene	11.079	95	97074	54.915	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	25471	19.820	ug/l	99
3) Chloromethane	1.307	50	27061	19.509	ug/l	96
4) Vinyl Chloride	1.386	62	29098	19.672	ug/l	95
5) Bromomethane	1.630	94	18436	22.153	ug/l	93
6) Chloroethane	1.703	64	18444	20.573	ug/l	95
7) Trichlorofluoromethane	1.904	101	43435	19.339	ug/l	97
8) Diethyl Ether	2.148	74	15726	20.402	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	27115	19.679	ug/l	98
10) Methyl Iodide	2.465	142	30018	20.229	ug/l	98
11) Tert butyl alcohol	2.959	59	10932	73.154	ug/l	96
12) 1,1-Dichloroethene	2.337	96	25867	19.455	ug/l	98
13) Acrolein	2.245	56	18810	86.416	ug/l	97
14) Allyl chloride	2.678	41	45893	19.051	ug/l	100
15) Acrylonitrile	3.068	53	61358	91.312	ug/l	99
16) Acetone	2.386	43	45269	81.534	ug/l	95
17) Carbon Disulfide	2.526	76	72150	17.970	ug/l	99
18) Methyl Acetate	2.709	43	25035	17.753	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	77256	18.661	ug/l	98
20) Methylene Chloride	2.800	84	29836	19.323	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	27280	19.176	ug/l	97
22) Diisopropyl ether	3.764	45	94092	20.321	ug/l	87
23) Vinyl Acetate	3.733	43	359723	97.697	ug/l	100
24) 1,1-Dichloroethane	3.623	63	50927	19.372	ug/l	100
25) 2-Butanone	4.562	43	68340	87.030	ug/l	97
26) 2,2-Dichloropropane	4.489	77	36206	18.883	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32489	19.438	ug/l	100
28) Bromochloromethane	4.910	49	27522	23.092	ug/l	97
29) Tetrahydrofuran	5.013	42	43894	86.542	ug/l	99
30) Chloroform	5.099	83	53771	20.452	ug/l	97
31) Cyclohexane	5.477	56	49014	19.660	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	44445	19.276	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35819	18.799	ug/l	97
37) Ethyl Acetate	4.721	43	31001	17.627	ug/l	98
38) Carbon Tetrachloride	5.684	117	39531	19.117	ug/l	99
39) Methylcyclohexane	7.385	83	47544	18.962	ug/l	99
40) Benzene	6.044	78	112866	20.015	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046763.D
 Acq On : 19 Jun 2025 11:51
 Operator : JC/MD
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:17:34 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	4.928	41	17801	18.985	ug/l	96
42) 1,2-Dichloroethane	6.092	62	39829	20.100	ug/l	99
43) Isopropyl Acetate	6.342	43	50813	18.463	ug/l	99
44) Trichloroethene	7.129	130	27765	19.321	ug/l	89
45) 1,2-Dichloropropane	7.427	63	28336	20.276	ug/l	92
46) Dibromomethane	7.580	93	19978	19.891	ug/l	99
47) Bromodichloromethane	7.824	83	41221	20.112	ug/l	99
48) Methyl methacrylate	7.696	41	26092	18.904	ug/l	100
49) 1,4-Dioxane	7.659	88	6068	321.885	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	150700	91.811	ug/l	98
52) Toluene	8.720	92	70998	20.310	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37151	19.536	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43044	19.939	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	26588	20.409	ug/l	98
56) Ethyl methacrylate	9.116	69	35838	18.636	ug/l	97
57) 1,3-Dichloropropane	9.305	76	45490	20.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	100239	100.344	ug/l	99
59) 2-Hexanone	9.427	43	100820	88.846	ug/l	100
60) Dibromochloromethane	9.519	129	30624	19.947	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26614	20.084	ug/l	98
64) Tetrachloroethene	9.275	164	23913	18.778	ug/l	98
65) Chlorobenzene	10.079	112	78801	19.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26522	19.449	ug/l	100
67) Ethyl Benzene	10.195	91	135702	19.141	ug/l	99
68) m/p-Xylenes	10.299	106	102519	38.810	ug/l	99
69) o-Xylene	10.640	106	49068	19.820	ug/l	99
70) Styrene	10.653	104	85333	19.696	ug/l	98
71) Bromoform	10.799	173	19127	18.418	ug/l #	98
73) Isopropylbenzene	10.957	105	129881	18.592	ug/l	100
74) N-amyl acetate	10.842	43	45562	17.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35939	18.425	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29301m	16.867	ug/l	
77) Bromobenzene	11.195	156	31899	18.976	ug/l	98
78) n-propylbenzene	11.299	91	156018	18.803	ug/l	100
79) 2-Chlorotoluene	11.360	91	92310	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	108639	18.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9561	15.556	ug/l	95
82) 4-Chlorotoluene	11.451	91	108666	18.795	ug/l	99
83) tert-Butylbenzene	11.713	119	108810	18.337	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	108849	18.872	ug/l	100
85) sec-Butylbenzene	11.890	105	141281	18.839	ug/l	100
86) p-Isopropyltoluene	12.006	119	118528	18.732	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60812	18.553	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	59834	17.772	ug/l	98
89) n-Butylbenzene	12.329	91	111302	18.526	ug/l	99
90) Hexachloroethane	12.536	117	19081	17.220	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	58188	18.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6206	16.116	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	39871	18.309	ug/l	99
94) Hexachlorobutadiene	13.719	225	17144	18.715	ug/l	96
95) Naphthalene	13.774	128	107578	17.340	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	37893	18.189	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046763.D
Acq On : 19 Jun 2025 11:51
Operator : JC/MD
Sample : VX0619WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:17:34 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

Manual Integrations APPROVED

Quant Time: Jun 20 05:17:34 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

