

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045260.D
 Acq On : 13 Mar 2025 11:38
 Operator : JC/MD
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 12:27:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	97410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82488	53.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	62822	53.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.700%			
50) Toluene-d8	8.646	98	219736	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	76284	54.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21635	17.645	ug/l	99
3) Chloromethane	1.306	50	25100	16.727	ug/l	95
4) Vinyl Chloride	1.373	62	24105	16.193	ug/l	94
5) Bromomethane	1.593	94	10669	18.232	ug/l	95
6) Chloroethane	1.666	64	13625	19.844	ug/l	95
7) Trichlorofluoromethane	1.873	101	35774	18.154	ug/l	99
8) Diethyl Ether	2.129	74	12929	16.774	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	22467	19.845	ug/l	98
10) Methyl Iodide	2.440	142	26042	18.406	ug/l	96
11) Tert butyl alcohol	2.977	59	22163	75.515	ug/l	97
12) 1,1-Dichloroethene	2.312	96	21354	17.840	ug/l	100
13) Acrolein	2.233	56	20426	60.206	ug/l	99
14) Allyl chloride	2.660	41	41286	19.377	ug/l	99
15) Acrylonitrile	3.062	53	75169	95.563	ug/l	100
16) Acetone	2.385	43	70410	97.942	ug/l	100
17) Carbon Disulfide	2.501	76	47976	15.049	ug/l	97
18) Methyl Acetate	2.702	43	37996	21.970	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	74396	18.526	ug/l	99
20) Methylene Chloride	2.782	84	26180	18.384	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	21431	18.123	ug/l	96
22) Diisopropyl ether	3.757	45	83408	19.249	ug/l #	81
23) Vinyl Acetate	3.721	43	338596	93.636	ug/l	98
24) 1,1-Dichloroethane	3.605	63	45359	18.678	ug/l	99
25) 2-Butanone	4.562	43	106239	98.177	ug/l	98
26) 2,2-Dichloropropane	4.470	77	29896	26.246	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27400	18.770	ug/l	96
28) Bromochloromethane	4.897	49	24655	21.300	ug/l	98
29) Tetrahydrofuran	5.007	42	66201	91.099	ug/l	100
30) Chloroform	5.086	83	46538	19.287	ug/l	99
31) Cyclohexane	5.458	56	38761	18.387	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	36612	18.786	ug/l	98
36) 1,1-Dichloropropene	5.690	75	30345	18.967	ug/l	100
37) Ethyl Acetate	4.720	43	38116	18.489	ug/l	99
38) Carbon Tetrachloride	5.671	117	30420	18.728	ug/l	98
39) Methylcyclohexane	7.378	83	37053	19.328	ug/l	96
40) Benzene	6.031	78	94123	18.630	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045260.D
 Acq On : 13 Mar 2025 11:38
 Operator : JC/MD
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 12:27:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21833	19.586	ug/l	96
42) 1,2-Dichloroethane	6.086	62	36032	19.806	ug/l	99
43) Isopropyl Acetate	6.342	43	58378	19.150	ug/l	99
44) Trichloroethene	7.122	130	22034	18.574	ug/l	93
45) 1,2-Dichloropropane	7.427	63	25053	19.287	ug/l	98
46) Dibromomethane	7.580	93	17928	19.527	ug/l	98
47) Bromodichloromethane	7.817	83	35544	19.737	ug/l	98
48) Methyl methacrylate	7.695	41	29753	19.454	ug/l	96
49) 1,4-Dioxane	7.665	88	10526	326.274	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	205355	100.325	ug/l	99
52) Toluene	8.714	92	58253	19.652	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29128	19.347	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	33982	19.356	ug/l	93
55) 1,1,2-Trichloroethane	9.152	97	23865	19.557	ug/l	98
56) Ethyl methacrylate	9.116	69	36370	19.607	ug/l	98
57) 1,3-Dichloropropane	9.305	76	41395	19.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	86829	95.960	ug/l	99
59) 2-Hexanone	9.427	43	147804	99.661	ug/l	99
60) Dibromochloromethane	9.518	129	24674	19.338	ug/l	98
61) 1,2-Dibromoethane	9.610	107	23735	19.483	ug/l	98
64) Tetrachloroethene	9.268	164	19047	19.342	ug/l	95
65) Chlorobenzene	10.079	112	62379	19.173	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	20344	18.776	ug/l	98
67) Ethyl Benzene	10.189	91	108318	19.107	ug/l	99
68) m/p-Xylenes	10.299	106	81139	39.097	ug/l	97
69) o-Xylene	10.640	106	39791	19.011	ug/l	96
70) Styrene	10.652	104	67344	19.885	ug/l	99
71) Bromoform	10.799	173	14973	18.326	ug/l #	99
73) Isopropylbenzene	10.963	105	106368	19.989	ug/l	98
74) N-amyl acetate	10.841	43	46854	18.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37599	19.255	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	29840m	18.805	ug/l	
77) Bromobenzene	11.195	156	24033	19.142	ug/l	99
78) n-propylbenzene	11.305	91	120022	19.967	ug/l	100
79) 2-Chlorotoluene	11.359	91	75127	19.625	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	86221	20.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8442	18.207	ug/l	86
82) 4-Chlorotoluene	11.451	91	82758	19.835	ug/l	99
83) tert-Butylbenzene	11.713	119	85652	19.375	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	86535	19.988	ug/l	100
85) sec-Butylbenzene	11.890	105	108147	20.422	ug/l	98
86) p-Isopropyltoluene	12.006	119	86107	20.120	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	42798	19.108	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	42258	18.649	ug/l	97
89) n-Butylbenzene	12.329	91	74631	20.248	ug/l	99
90) Hexachloroethane	12.536	117	14411	18.617	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	42544	18.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	6994	18.385	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	22724	17.762	ug/l	99
94) Hexachlorobutadiene	13.725	225	10078	19.214	ug/l	97
95) Naphthalene	13.774	128	87220	17.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24211	17.939	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
Data File : VX045260.D
Acq On : 13 Mar 2025 11:38
Operator : JC/MD
Sample : VX0313WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

Quant Time: Mar 14 12:27:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 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\VX031325\
Data File : VX045260.D
Acq On : 13 Mar 2025 11:38
Operator : JC/MD
Sample : VX0313WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBS01

Quant Time: Mar 14 12:27:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

