

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046412.D
 Acq On : 30 May 2025 11:29
 Operator : JC/MD
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:23:55 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	5.549	168	86619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	153415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80579	49.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.800%		
35) Dibromofluoromethane	5.379	113	55654	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.646	98	182778	47.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.079	95	72518	49.443	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22046	16.629	ug/l	94
3) Chloromethane	1.306	50	21447	16.682	ug/l	94
4) Vinyl Chloride	1.373	62	19698	16.462	ug/l	97
5) Bromomethane	1.599	94	9497	17.112	ug/l	98
6) Chloroethane	1.672	64	11661	18.255	ug/l	95
7) Trichlorofluoromethane	1.879	101	32574	18.420	ug/l	99
8) Diethyl Ether	2.135	74	10810	17.957	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	20795	19.002	ug/l	98
10) Methyl Iodide	2.446	142	22001	16.990	ug/l	100
11) Tert butyl alcohol	2.971	59	24227	106.879	ug/l	99
12) 1,1-Dichloroethene	2.312	96	18348	17.864	ug/l	98
13) Acrolein	2.233	56	16928	65.574	ug/l	98
14) Allyl chloride	2.660	41	38498	19.612	ug/l	95
15) Acrylonitrile	3.062	53	68823	106.181	ug/l	98
16) Acetone	2.379	43	68128	105.220	ug/l	100
17) Carbon Disulfide	2.507	76	34583	14.202	ug/l	96
18) Methyl Acetate	2.702	43	39508	26.295	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	71509	19.859	ug/l	98
20) Methylene Chloride	2.788	84	22533	18.160	ug/l	93
21) trans-1,2-Dichloroethene	3.086	96	18558	17.967	ug/l	98
22) Diisopropyl ether	3.763	45	77266	20.378	ug/l	93
23) Vinyl Acetate	3.720	43	320325	96.051	ug/l	99
24) 1,1-Dichloroethane	3.605	63	41445	19.625	ug/l	99
25) 2-Butanone	4.556	43	102333	108.864	ug/l	100
26) 2,2-Dichloropropane	4.464	77	30832	18.652	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	23968	19.276	ug/l	99
28) Bromochloromethane	4.897	49	21089	20.745	ug/l	98
29) Tetrahydrofuran	5.001	42	62399	105.935	ug/l	99
30) Chloroform	5.086	83	45096	20.486	ug/l	93
31) Cyclohexane	5.464	56	33070	17.184	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37073	19.429	ug/l	98
36) 1,1-Dichloropropene	5.684	75	26188	17.643	ug/l	98
37) Ethyl Acetate	4.720	43	35095	19.137	ug/l	99
38) Carbon Tetrachloride	5.671	117	31244	18.734	ug/l	97
39) Methylcyclohexane	7.378	83	32348	16.928	ug/l	98
40) Benzene	6.031	78	84048	19.331	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046412.D
 Acq On : 30 May 2025 11:29
 Operator : JC/MD
 Sample : VX0530WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:23:55 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	4.915	41	20721	21.599	ug/l	98
42) 1,2-Dichloroethane	6.086	62	37398	19.930	ug/l	100
43) Isopropyl Acetate	6.342	43	56552	20.214	ug/l	98
44) Trichloroethene	7.122	130	19629	18.758	ug/l	100
45) 1,2-Dichloropropane	7.427	63	22287	20.615	ug/l	97
46) Dibromomethane	7.580	93	16946	19.874	ug/l	98
47) Bromodichloromethane	7.817	83	33719	20.078	ug/l	97
48) Methyl methacrylate	7.695	41	28679	20.072	ug/l	97
49) 1,4-Dioxane	7.659	88	12612	464.881	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	200919	108.190	ug/l	99
52) Toluene	8.713	92	51245	19.222	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	27848	18.656	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	31975	19.381	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	21705	20.648	ug/l	94
56) Ethyl methacrylate	9.116	69	34157	20.387	ug/l	99
57) 1,3-Dichloropropane	9.305	76	37433	19.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	94881	111.083	ug/l	98
59) 2-Hexanone	9.427	43	150933	109.854	ug/l	99
60) Dibromochloromethane	9.518	129	23960	20.754	ug/l	97
61) 1,2-Dibromoethane	9.604	107	21935	20.076	ug/l	99
64) Tetrachloroethene	9.268	164	17515	18.359	ug/l	95
65) Chlorobenzene	10.073	112	56306	19.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	20489	20.331	ug/l	99
67) Ethyl Benzene	10.189	91	101092	19.432	ug/l	100
68) m/p-Xylenes	10.299	106	72256	37.976	ug/l	97
69) o-Xylene	10.640	106	36463	19.657	ug/l	97
70) Styrene	10.652	104	60271	19.835	ug/l	97
71) Bromoform	10.798	173	14805	19.568	ug/l #	98
73) Isopropylbenzene	10.957	105	98609	19.754	ug/l	99
74) N-amyl acetate	10.841	43	48523	19.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34441	19.688	ug/l	97
76) 1,2,3-Trichloropropane	11.237	75	31277m	20.265	ug/l	
77) Bromobenzene	11.195	156	22245	19.194	ug/l	98
78) n-propylbenzene	11.298	91	111193	19.157	ug/l	100
79) 2-Chlorotoluene	11.359	91	71240	19.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	82619	19.811	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8673	18.295	ug/l	98
82) 4-Chlorotoluene	11.451	91	79525	19.154	ug/l	98
83) tert-Butylbenzene	11.713	119	81221	19.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	82870	19.622	ug/l	99
85) sec-Butylbenzene	11.890	105	100632	19.510	ug/l	100
86) p-Isopropyltoluene	12.006	119	82888	19.469	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	40311	19.059	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	40286	18.650	ug/l	97
89) n-Butylbenzene	12.329	91	70173	18.790	ug/l	99
90) Hexachloroethane	12.536	117	14438	19.249	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42227	19.895	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7914	20.421	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22315	18.305	ug/l	98
94) Hexachlorobutadiene	13.725	225	9922	18.636	ug/l	96
95) Naphthalene	13.774	128	83733	18.727	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23105	18.368	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046412.D
Acq On : 30 May 2025 11:29
Operator : JC/MD
Sample : VX0530WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:23:55 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

