

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045406.D
 Acq On : 24 Mar 2025 11:42
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:30:09 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	5.543	168	93978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	165678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	146061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85282	57.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.100%			
35) Dibromofluoromethane	5.379	113	62255	56.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.380%			
50) Toluene-d8	8.646	98	211080	52.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.120%			
62) 4-Bromofluorobenzene	11.079	95	74334	55.853	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21073	17.814	ug/l	92
3) Chloromethane	1.306	50	21171	14.624	ug/l	100
4) Vinyl Chloride	1.373	62	21189	14.754	ug/l	95
5) Bromomethane	1.593	94	10183	18.037	ug/l	100
6) Chloroethane	1.666	64	12585	18.998	ug/l	96
7) Trichlorofluoromethane	1.873	101	35206	18.518	ug/l	99
8) Diethyl Ether	2.135	74	12371	16.636	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22643	20.730	ug/l	98
10) Methyl Iodide	2.446	142	25555	18.722	ug/l	97
11) Tert butyl alcohol	2.977	59	22825	80.611	ug/l	95
12) 1,1-Dichloroethene	2.312	96	20601	17.840	ug/l	97
13) Acrolein	2.239	56	30584	93.440	ug/l	98
14) Allyl chloride	2.660	41	40021	19.469	ug/l	93
15) Acrylonitrile	3.062	53	75625	99.654	ug/l	99
16) Acetone	2.385	43	67463	97.269	ug/l	97
17) Carbon Disulfide	2.501	76	42607	13.853	ug/l	100
18) Methyl Acetate	2.702	43	44967	26.951	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76261	19.684	ug/l	98
20) Methylene Chloride	2.788	84	25350	18.451	ug/l	94
21) trans-1,2-Dichloroethene	3.086	96	20756	18.193	ug/l	93
22) Diisopropyl ether	3.757	45	82111	19.641	ug/l #	75
23) Vinyl Acetate	3.720	43	333749	95.666	ug/l	98
24) 1,1-Dichloroethane	3.605	63	45808	19.552	ug/l	98
25) 2-Butanone	4.562	43	108253	103.691	ug/l	99
26) 2,2-Dichloropropane	4.470	77	31321	28.501	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	27318	19.397	ug/l	93
28) Bromochloromethane	4.891	49	23621	21.152	ug/l	98
29) Tetrahydrofuran	5.007	42	68608	97.859	ug/l	99
30) Chloroform	5.092	83	47564	20.432	ug/l	98
31) Cyclohexane	5.464	56	36156	17.778	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	38377	20.411	ug/l	97
36) 1,1-Dichloropropene	5.690	75	28347	18.658	ug/l	98
37) Ethyl Acetate	4.720	43	37903	19.361	ug/l	99
38) Carbon Tetrachloride	5.671	117	31973	20.729	ug/l	99
39) Methylcyclohexane	7.378	83	35038	19.247	ug/l	97
40) Benzene	6.037	78	93297	19.447	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
 Data File : VX045406.D
 Acq On : 24 Mar 2025 11:42
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:30:09 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	4.915	41	22241	21.010	ug/l	95
42) 1,2-Dichloroethane	6.086	62	37584	21.755	ug/l	98
43) Isopropyl Acetate	6.342	43	60236	20.808	ug/l	98
44) Trichloroethene	7.128	130	21942	19.478	ug/l	97
45) 1,2-Dichloropropane	7.427	63	24500	19.862	ug/l	98
46) Dibromomethane	7.580	93	17866	20.492	ug/l	97
47) Bromodichloromethane	7.817	83	35799	20.933	ug/l	99
48) Methyl methacrylate	7.695	41	30664	21.113	ug/l	95
49) 1,4-Dioxane	7.665	88	10866	354.685	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	211104	108.606	ug/l	99
52) Toluene	8.713	92	56190	19.962	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29674	20.756	ug/l	91
54) cis-1,3-Dichloropropene	8.366	75	35002	20.995	ug/l	92
55) 1,1,2-Trichloroethane	9.152	97	24660	21.281	ug/l	97
56) Ethyl methacrylate	9.116	69	35770	20.307	ug/l	95
57) 1,3-Dichloropropane	9.305	76	41448	20.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	84723	98.601	ug/l	98
59) 2-Hexanone	9.427	43	153010	108.646	ug/l	98
60) Dibromochloromethane	9.518	129	25261	20.849	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23583	20.386	ug/l	99
64) Tetrachloroethene	9.274	164	18915	20.220	ug/l	91
65) Chlorobenzene	10.079	112	61196	19.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	20888	20.295	ug/l	97
67) Ethyl Benzene	10.189	91	107297	19.924	ug/l	100
68) m/p-Xylenes	10.299	106	78719	39.931	ug/l	96
69) o-Xylene	10.640	106	39204	19.718	ug/l	99
70) Styrene	10.652	104	64466	20.038	ug/l	98
71) Bromoform	10.798	173	15824	20.388	ug/l #	98
73) Isopropylbenzene	10.963	105	105292	21.241	ug/l	98
74) N-amyl acetate	10.841	43	45575	19.594	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	37810	20.786	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	30764m	20.812	ug/l	
77) Bromobenzene	11.195	156	23369	19.981	ug/l	96
78) n-propylbenzene	11.304	91	116272	20.764	ug/l	99
79) 2-Chlorotoluene	11.359	91	72689	20.383	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	83800	20.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8756	20.272	ug/l #	82
82) 4-Chlorotoluene	11.451	91	80935	20.824	ug/l	99
83) tert-Butylbenzene	11.713	119	85178	20.683	ug/l	97
84) 1,2,4-Trimethylbenzene	11.749	105	84360	20.918	ug/l	100
85) sec-Butylbenzene	11.890	105	104018	21.086	ug/l	99
86) p-Isopropyltoluene	12.006	119	84713	21.249	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	40869	19.588	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	40877	19.365	ug/l	98
89) n-Butylbenzene	12.329	91	70500	20.532	ug/l	99
90) Hexachloroethane	12.536	117	14344	19.892	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41771	19.958	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7524	21.231	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	21728	18.232	ug/l	99
94) Hexachlorobutadiene	13.725	225	10427	21.341	ug/l	96
95) Naphthalene	13.774	128	84726	18.504	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23447	18.649	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032425\
Data File : VX045406.D
Acq On : 24 Mar 2025 11:42
Operator : JC/MD
Sample : VX0324WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0324WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:30:09 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\VX032425\
 Data File : VX045406.D
 Acq On : 24 Mar 2025 11:42
 Operator : JC/MD
 Sample : VX0324WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0324WBS01

Quant Time: Mar 25 01:30:09 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 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

