

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
 Acq On : 14 Jan 2025 19:36
 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 03:25:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	135934	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	402701	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	356460	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 285053 10.153 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	189097	10.213	ppbv	97
3) Chlorodifluoromethane	1.476	51	187019	9.642	ppbv	98
4) Chloromethane	1.534	50	70383	10.107	ppbv	96
5) Vinyl Chloride	1.583	62	70937	10.057	ppbv	98
6) Bromomethane	1.670	94	32969	9.808	ppbv	91
7) Chloroethane	1.706	64	29068	10.592	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	164306	10.154	ppbv	100
9) Propene	1.486	41	74593	9.335	ppbv	95
10) Heptane	4.988	43	210202	9.842	ppbv	99
11) Trichlorofluoromethane	1.881	101	200241	10.396	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	158273	10.485	ppbv	99
13) Ethanol	1.722	45	3872	6.616	ppbv	84
14) Bromoethene	1.784	108	54503	9.861	ppbv	97
15) Acetone	1.839	43	151307	9.267	ppbv	99
16) 1,3-Butadiene	1.612	39	73592	10.043	ppbv	98
17) tert-Butyl alcohol	2.042	59	192315	9.571	ppbv	98
18) 1,1-Dichloroethene	2.036	96	68563	10.077	ppbv	96
19) Isopropyl Alcohol	1.887	45	86592	8.945	ppbv	95
20) Methylene Chloride	2.065	84	58209	9.022	ppbv	94
21) Allyl Chloride	2.101	41	114685	10.144	ppbv	98
22) trans-1,2-Dichloroethene	2.343	96	78556	10.230	ppbv	99
23) Vinyl Acetate	2.466	43	70853	8.755	ppbv	97
24) 1,1-Dichloroethane	2.411	63	151977	10.233	ppbv	99
25) Ethyl Acetate	2.842	43	435382	9.889	ppbv	100
26) Hexane	2.832	57	173269	9.951	ppbv	97
27) Carbon Disulfide	2.152	76	184131	10.686	ppbv	97
28) Methyl tert-Butyl Ether	2.444	73	109401	8.220	ppbv	99
29) Chloroform	2.852	83	278081	10.103	ppbv	98
30) Cyclohexane	3.865	84	148603	9.839	ppbv	99
31) cis-1,2-Dichloroethene	2.725	61	178543	9.738	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	274943	10.439	ppbv	99
34) 2-Butanone	2.560	43	247866	9.679	ppbv	100
35) Carbon Tetrachloride	3.771	117	278138	10.996	ppbv	99
36) Benzene	3.664	78	362506	9.815	ppbv	99
37) 1,2-Dichloroethane	3.224	62	212786	10.258	ppbv	100
38) Trichloroethene	4.557	130	145473	9.925	ppbv	93
39) 1,2-Dichloropropane	4.321	63	124131	9.581	ppbv	96
40) 1,4-Dioxane	4.593	88	57312	8.759	ppbv #	98
41) Tetrahydrofuran	3.059	42	139374	10.014	ppbv	99
42) Bromodichloromethane	4.499	83	285998	10.283	ppbv	96
43) Methyl Methacrylate	4.891	69	136428	9.943	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	591684	9.904	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	132891	10.347	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041899.D
 Acq On : 14 Jan 2025 19:36
 Operator : SY/MD
 Sample : VL0114ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/15/2025
 Supervised By : Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 03:25:23 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	176246	10.452	ppbv	97
47) 1,1,2-Trichloroethane	6.590	97	138512	10.087	ppbv	96
48) Dibromochloromethane	7.399	129	226417	10.687	ppbv	100
49) Bromoform	9.490	173	190603	10.952	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	339900	9.722	ppbv	100
51) 2-Hexanone	7.448	43	270020	10.051	ppbv #	98
52) Tetrachloroethene	8.234	164	120344	9.397	ppbv	96
53) Toluene	6.946	91	407178	10.121	ppbv	100
54) 1,2-Dibromoethane	7.661	107	190401	10.086	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.933	131	179834	10.112	ppbv	99
57) Chlorobenzene	8.927	112	316779	9.634	ppbv	97
58) Ethyl Benzene	9.361	91	566411	10.167	ppbv	100
59) m/p-Xylene	9.558	91	921827m	20.644	ppbv	
60) o-Xylene	9.972	91	462914	10.444	ppbv	99
61) Styrene	9.875	104	214400	10.784	ppbv	99
62) Isopropylbenzene	10.545	105	697392	10.169	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	281189	9.928	ppbv	100
64) n-propylbenzene	10.995	120	175356	10.119	ppbv	96
65) tert-Butylbenzene	11.539	119	634140	10.146	ppbv	99
66) Benzyl Chloride	11.623	91	37139	9.600	ppbv	98
67) sec-Butylbenzene	11.775	105	879679	10.222	ppbv	100
69) p-Isopropyltoluene	11.934	119	734754	10.368	ppbv	100
70) n-Butylbenzene	12.290	91	714677	10.169	ppbv	100
71) 2-Chlorotoluene	10.908	91	520731	10.264	ppbv	100
72) 4-Ethyltoluene	11.131	105	550386	10.382	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	478593	10.223	ppbv	97
74) 1,2,4-Trimethylbenzene	11.542	105	514624	10.150	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	293053	9.754	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	293347	9.980	ppbv	98
77) 1,2-Dichlorobenzene	11.953	146	294078	9.876	ppbv	98
78) Hexachloro-1,3-Butadiene	13.889	225	217475	8.898	ppbv	99
79) Naphthalene	13.520	128	468570	9.179	ppbv	100
80) Naphthalene,2-methyl-	14.465	142	163059	6.737	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	220953	8.867	ppbv	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041899.D
Acq On : 14 Jan 2025 19:36
Operator : SY/MD
Sample : VL0114ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0114ABS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/15/2025
Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 03:25:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

