

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL042002.D
 Acq On : 11 Feb 2025 14:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 11 22:20:33 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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	2.784	49	155013	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	431380	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	380750	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 305350 10.182 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	184400	8.733	ppbv	96
3) Chlorodifluoromethane	1.473	51	224370	10.144	ppbv	100
4) Chloromethane	1.531	50	85132	10.721	ppbv	97
5) Vinyl Chloride	1.580	62	79281	9.857	ppbv	96
6) Bromomethane	1.667	94	35861	9.355	ppbv	93
7) Chloroethane	1.703	64	32756	10.467	ppbv	96
8) Dichlorotetrafluoroethane	1.554	85	179673	9.737	ppbv	97
9) Propene	1.483	41	88709	9.735	ppbv	97
10) Heptane	4.975	43	261627	10.742	ppbv	96
11) Trichlorofluoromethane	1.874	101	200583	9.132	ppbv	93
12) 1,1,2-Trichlorotrifluo...	2.136	101	166169	9.653	ppbv	100
13) Ethanol	1.719	45	5093	7.631	ppbv	84
14) Bromoethene	1.780	108	57003	9.044	ppbv	99
15) Acetone	1.832	43	169826	9.121	ppbv	99
16) 1,3-Butadiene	1.609	39	84312	10.089	ppbv	99
17) tert-Butyl alcohol	2.039	59	206534	9.013	ppbv	98
18) 1,1-Dichloroethene	2.033	96	72946	9.402	ppbv	99
19) Isopropyl Alcohol	1.884	45	99093	8.976	ppbv #	35
20) Methylene Chloride	2.059	84	64524	8.769	ppbv	96
21) Allyl Chloride	2.094	41	129224	10.023	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	82768	9.452	ppbv	95
23) Vinyl Acetate	2.460	43	93558	10.137	ppbv #	97
24) 1,1-Dichloroethane	2.405	63	168523	9.950	ppbv	98
25) Ethyl Acetate	2.836	43	536046	10.677	ppbv	99
26) Hexane	2.823	57	207023	10.426	ppbv	94
27) Carbon Disulfide	2.149	76	200576	10.208	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	133778	8.815	ppbv	98
29) Chloroform	2.845	83	318691	10.153	ppbv	99
30) Cyclohexane	3.852	84	172075	9.991	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	197195	9.432	ppbv	95
32) 1,1,1-Trichloroethane	3.363	97	297241	9.896	ppbv	98
34) 2-Butanone	2.554	43	303782	11.073	ppbv	97
35) Carbon Tetrachloride	3.758	117	302914	11.179	ppbv	99
36) Benzene	3.651	78	419367	10.599	ppbv	99
37) 1,2-Dichloroethane	3.214	62	228485	10.283	ppbv	99
38) Trichloroethene	4.545	130	163963	10.443	ppbv	97
39) 1,2-Dichloropropane	4.308	63	147602	10.635	ppbv	95
40) 1,4-Dioxane	4.580	88	71966	10.268	ppbv #	96
41) Tetrahydrofuran	3.052	42	165965	11.132	ppbv	97
42) Bromodichloromethane	4.483	83	320010	10.741	ppbv	96
43) Methyl Methacrylate	4.875	69	150261	10.223	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	716650	11.198	ppbv	98
45) t-1,3-Dichloropropene	6.412	75	134348	9.765	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021125\
 Data File : VL042002.D
 Acq On : 11 Feb 2025 14:00
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Feb 11 22:20:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 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	5.596	75	183720	10.171	ppbv	95
47) 1,1,2-Trichloroethane	6.577	97	161478	10.978	ppbv	99
48) Dibromochloromethane	7.383	129	249545	10.995	ppbv	99
49) Bromoform	9.477	173	208468	11.182	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	401314	10.716	ppbv	98
51) 2-Hexanone	7.435	43	311762	10.834	ppbv #	95
52) Tetrachloroethene	8.221	164	130045	9.479	ppbv	94
53) Toluene	6.930	91	449573	10.431	ppbv	100
54) 1,2-Dibromoethane	7.648	107	218030	10.782	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.920	131	209115	11.008	ppbv	99
57) Chlorobenzene	8.917	112	375739	10.698	ppbv	96
58) Ethyl Benzene	9.351	91	628767	10.567	ppbv	100
59) m/p-Xylene	9.548	91	1041185m	21.830	ppbv	
60) o-Xylene	9.959	91	525151	11.093	ppbv	98
61) Styrene	9.869	104	226107	10.647	ppbv	99
62) Isopropylbenzene	10.539	105	786537	10.737	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	349541	11.554	ppbv	100
64) n-propylbenzene	10.985	120	204195	11.031	ppbv	98
65) tert-Butylbenzene	11.529	119	713820	10.692	ppbv	98
66) Benzyl Chloride	11.617	91	40619	9.830	ppbv	99
67) sec-Butylbenzene	11.765	105	999167	10.869	ppbv	100
69) p-Isopropyltoluene	11.924	119	820067	10.833	ppbv	98
70) n-Butylbenzene	12.280	91	805425	10.729	ppbv	100
71) 2-Chlorotoluene	10.898	91	567976	10.481	ppbv	97
72) 4-Ethyltoluene	11.125	105	626157	11.057	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	530930	10.617	ppbv	91
74) 1,2,4-Trimethylbenzene	11.536	105	593089	10.951	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	343840	10.714	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	337469	10.748	ppbv	98
77) 1,2-Dichlorobenzene	11.947	146	341863	10.749	ppbv	100
78) Hexachloro-1,3-Butadiene	13.882	225	233854	8.958	ppbv	100
79) Naphthalene	13.513	128	511725	9.385	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	130552	5.050	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	226328	8.504	ppbv	98

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

Quant Time: Feb 11 22:20:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

