Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
Data File : VL043307.D
Acq On : 08 Dec 2025 10:24
Operator : SY/MD
Sample : VL1208ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 09 00:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1208ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
Supervised By :Mahesh Dadoda 12/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.777	49	128373	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.946	114	319254	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.869	117	250711	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.364	95	185879	10.115	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	195547	10.800	ppbv		100
3) Chlorodifluoromethane	1.473	51	181736	10.206	ppbv		97
4) Chloromethane	1.531	50	70563	10.423	ppbv		100
5) Vinyl Chloride	1.577	62	67921	9.174	ppbv		93
6) Bromomethane	1.664	94	33521	9.340	ppbv		98
7) Chloroethane	1.700	64	28601	9.919	ppbv		91
8) Dichlorotetrafluoroethane	1.551	85	159668	10.601	ppbv		97
9) Propene	1.479	41	71417	9.445	ppbv	#	1
10) Heptane	4.962	43	210516	9.355	ppbv		98
11) Trichlorofluoromethane	1.874	101	196801	11.219	ppbv		99
12) 1,1,2-Trichlorotrifluo...	2.133	101	153996	11.244	ppbv		97
13) Ethanol	1.716	45	23202	8.726	ppbv		97
14) Bromoethene	1.777	108	55304	10.533	ppbv		94
15) Acetone	1.829	43	152789	8.567	ppbv		99
16) 1,3-Butadiene	1.606	39	76687	9.645	ppbv		97
17) tert-Butyl alcohol	2.033	59	209336	8.942	ppbv		100
18) 1,1-Dichloroethene	2.030	96	65282	10.237	ppbv		93
19) Isopropyl Alcohol	1.881	45	85723	8.506	ppbv	#	86
20) Methylene Chloride	2.056	84	60065	11.551	ppbv		95
21) Allyl Chloride	2.091	41	105272	8.773	ppbv		100
22) trans-1,2-Dichloroethene	2.334	96	75422	10.348	ppbv		95
23) Vinyl Acetate	2.454	43	197206	9.159	ppbv	#	98
24) 1,1-Dichloroethane	2.402	63	147058	10.453	ppbv		98
25) Ethyl Acetate	2.826	43	372295	9.678	ppbv		99
26) Hexane	2.816	57	166920	9.898	ppbv		98
27) Carbon Disulfide	2.146	76	190369	11.057	ppbv		99
28) Methyl tert-Butyl Ether	2.431	73	77723	9.389	ppbv		98
29) Chloroform	2.839	83	280544	11.703	ppbv		98
30) Cyclohexane	3.842	84	136887	9.681	ppbv		95
31) cis-1,2-Dichloroethene	2.713	61	166197	9.915	ppbv		94
32) 1,1,1-Trichloroethane	3.357	97	278163	10.886	ppbv		99
34) 2-Butanone	2.548	43	232285	10.307	ppbv		99
35) Carbon Tetrachloride	3.752	117	293430	12.109	ppbv		100
36) Benzene	3.645	78	342251	11.194	ppbv		99
37) 1,2-Dichloroethane	3.208	62	212457	11.880	ppbv		98
38) Trichloroethene	4.532	130	137474	11.493	ppbv		98
39) 1,2-Dichloropropane	4.295	63	122348	10.934	ppbv		92
40) 1,4-Dioxane	4.564	88	43982	8.743	ppbv	#	97
41) Tetrahydrofuran	3.043	42	121301	9.747	ppbv		98
42) Bromodichloromethane	4.473	83	296233	12.008	ppbv		97
43) Methyl Methacrylate	4.862	69	156667	9.654	ppbv		95
44) 2,2,4-Trimethylpentane	4.625	57	569168	10.839	ppbv		98
45) t-1,3-Dichloropropene	6.393	75	118391	7.826	ppbv		98

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46)	cis-1,3-Dichloropropene	5.580	75	146637	8.255	ppbv		94
47)	1,1,2-Trichloroethane	6.561	97	137247	11.557	ppbv		98
48)	Dibromochloromethane	7.370	129	240784	11.793	ppbv		99
49)	Bromoform	9.471	173	220417	12.188	ppbv		99
50)	4-Methyl-2-Pentanone	5.723	43	315888	9.951	ppbv		98
51)	2-Hexanone	7.415	43	223708	9.075	ppbv	#	98
52)	Tetrachloroethene	8.208	164	125681	11.051	ppbv		96
53)	Toluene	6.914	91	374608	10.347	ppbv		99
54)	1,2-Dibromoethane	7.636	107	183811	10.518	ppbv		95
56)	1,1,1,2-Tetrachloroethane	8.911	131	229368	12.449	ppbv		99
57)	Chlorobenzene	8.908	112	305509	11.869	ppbv		99
58)	Ethyl Benzene	9.341	91	538550	11.161	ppbv		97
59)	m/p-Xylene	9.539	91	909288m	23.503	ppbv		
60)	o-Xylene	9.950	91	446789	11.560	ppbv		98
61)	Styrene	9.859	104	167877	9.925	ppbv		99
62)	Isopropylbenzene	10.529	105	805674	11.652	ppbv		98
63)	1,1,2,2-Tetrachloroethane	9.950	83	285542	11.611	ppbv		99
64)	n-propylbenzene	10.979	120	208180	11.718	ppbv		96
65)	tert-Butylbenzene	11.523	119	696094	11.273	ppbv		100
66)	Benzyl Chloride	11.604	91	31638	5.049	ppbv		98
67)	sec-Butylbenzene	11.759	105	973259	11.291	ppbv		99
69)	p-Isopropyltoluene	11.914	119	808286	11.070	ppbv		99
70)	n-Butylbenzene	12.270	91	780553	11.019	ppbv		100
71)	2-Chlorotoluene	10.888	91	584474	10.997	ppbv		99
72)	4-Ethyltoluene	11.115	105	540638	11.487	ppbv		99
73)	1,3,5-Trimethylbenzene	11.193	105	451214	11.424	ppbv		96
74)	1,2,4-Trimethylbenzene	11.526	105	496984	11.530	ppbv		100
75)	1,3-Dichlorobenzene	11.597	146	297680	11.834	ppbv		98
76)	1,4-Dichlorobenzene	11.662	146	298352	11.859	ppbv		98
77)	1,2-Dichlorobenzene	11.937	146	285835	11.819	ppbv		98
78)	Hexachloro-1,3-Butadiene	13.873	225	220056	10.903	ppbv		99
79)	Naphthalene	13.504	128	409312	10.692	ppbv		97
80)	Naphthalene,2-methyl-	14.449	142	92975	9.252	ppbv		99
81)	1,2,4-Trichlorobenzene	13.432	180	204005	11.915	ppbv		98

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

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