Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
Data File : VL043213.D
Acq On : 18 Nov 2025 15:24
Operator : SY/MD
Sample : VL1118ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 01:35:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Wed Nov 19 01:11:25 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/19/2025
Supervised By :Mahesh Dadoda 11/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	95420	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.949	114	253448	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.872	117	205104	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.370	95	155032	10.312	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	130627	9.706	ppbv		99
3) Chlorodifluoromethane	1.476	51	117391	8.869	ppbv		97
4) Chloromethane	1.531	50	46147	9.171	ppbv		95
5) Vinyl Chloride	1.580	62	45865	8.335	ppbv		94
6) Bromomethane	1.667	94	24323	9.118	ppbv		98
7) Chloroethane	1.703	64	19180	8.949	ppbv		89
8) Dichlorotetrafluoroethane	1.554	85	106499	9.513	ppbv		96
9) Propene	1.483	41	51535	9.169	ppbv	#	1
10) Heptane	4.969	43	142059	8.493	ppbv		100
11) Trichlorofluoromethane	1.878	101	128646	9.866	ppbv		99
12) 1,1,2-Trichlorotrifluo...	2.136	101	98007	9.627	ppbv		100
13) Ethanol	1.719	45	17446	8.827	ppbv		100
14) Bromoethene	1.780	108	34562	8.856	ppbv		98
15) Acetone	1.832	43	104416	7.876	ppbv		98
16) 1,3-Butadiene	1.609	39	52150	8.824	ppbv		100
17) tert-Butyl alcohol	2.036	59	171044	9.829	ppbv		99
18) 1,1-Dichloroethene	2.033	96	43555	9.189	ppbv		96
19) Isopropyl Alcohol	1.884	45	70667	9.433	ppbv		97
20) Methylene Chloride	2.059	84	38990	9.980	ppbv		99
21) Allyl Chloride	2.094	41	81713	9.161	ppbv		95
22) trans-1,2-Dichloroethene	2.337	96	48371	8.928	ppbv		95
23) Vinyl Acetate	2.457	43	153810	9.610	ppbv		99
24) 1,1-Dichloroethane	2.405	63	100265	9.588	ppbv		97
25) Ethyl Acetate	2.829	43	256501	8.971	ppbv		99
26) Hexane	2.823	57	113070	9.020	ppbv		98
27) Carbon Disulfide	2.149	76	123045	9.614	ppbv		97
28) Methyl tert-Butyl Ether	2.434	73	62777	10.202	ppbv		99
29) Chloroform	2.845	83	174043	9.768	ppbv		96
30) Cyclohexane	3.852	84	96123	9.146	ppbv		97
31) cis-1,2-Dichloroethene	2.716	61	117110	9.399	ppbv		98
32) 1,1,1-Trichloroethane	3.363	97	181566	9.560	ppbv		98
34) 2-Butanone	2.551	43	165780	9.266	ppbv		98
35) Carbon Tetrachloride	3.758	117	183287	9.527	ppbv		97
36) Benzene	3.651	78	228070	9.396	ppbv		99
37) 1,2-Dichloroethane	3.214	62	142060	10.006	ppbv		98
38) Trichloroethene	4.538	130	87145	9.177	ppbv		93
39) 1,2-Dichloropropane	4.302	63	82832	9.324	ppbv		99
40) 1,4-Dioxane	4.567	88	37417	9.370	ppbv	#	94
41) Tetrahydrofuran	3.046	42	90689	9.179	ppbv		99
42) Bromodichloromethane	4.480	83	189395	9.670	ppbv		98
43) Methyl Methacrylate	4.865	69	115470	8.963	ppbv		99
44) 2,2,4-Trimethylpentane	4.632	57	385107	9.238	ppbv		99
45) t-1,3-Dichloropropene	6.399	75	112967	9.406	ppbv		98

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46) cis-1,3-Dichloropropene	5.587	75	130518	9.255	ppbv		99
47) 1,1,2-Trichloroethane	6.567	97	88389	9.375	ppbv		96
48) Dibromochloromethane	7.377	129	154832	9.552	ppbv		99
49) Bromoform	9.474	173	134624	9.377	ppbv		99
50) 4-Methyl-2-Pentanone	5.732	43	227676	9.034	ppbv		100
51) 2-Hexanone	7.425	43	178681	9.130	ppbv	#	100
52) Tetrachloroethene	8.218	164	80037	8.865	ppbv		96
53) Toluene	6.923	91	264384	9.199	ppbv		99
54) 1,2-Dibromoethane	7.645	107	132155	9.526	ppbv		98
56) 1,1,1,2-Tetrachloroethane	8.917	131	142171	9.432	ppbv		98
57) Chlorobenzene	8.914	112	200166	9.505	ppbv		98
58) Ethyl Benzene	9.348	91	375021	9.500	ppbv		99
59) m/p-Xylene	9.545	91	595409m	18.812	ppbv		
60) o-Xylene	9.956	91	293838	9.293	ppbv		99
61) Styrene	9.862	104	131154	9.478	ppbv		99
62) Isopropylbenzene	10.532	105	532270	9.410	ppbv		100
63) 1,1,2,2-Tetrachloroethane	9.956	83	185351	9.213	ppbv		99
64) n-propylbenzene	10.982	120	134605	9.261	ppbv		96
65) tert-Butylbenzene	11.526	119	458253	9.071	ppbv		98
66) Benzyl Chloride	11.610	91	43604	8.505	ppbv		98
67) sec-Butylbenzene	11.762	105	643089	9.120	ppbv		100
69) p-Isopropyltoluene	11.921	119	546654	9.151	ppbv		99
70) n-Butylbenzene	12.277	91	547505	9.448	ppbv		100
71) 2-Chlorotoluene	10.895	91	410121	9.432	ppbv		99
72) 4-Ethyltoluene	11.118	105	361508	9.389	ppbv		99
73) 1,3,5-Trimethylbenzene	11.199	105	302506	9.362	ppbv		94
74) 1,2,4-Trimethylbenzene	11.532	105	325533	9.232	ppbv		92
75) 1,3-Dichlorobenzene	11.604	146	190669	9.266	ppbv		98
76) 1,4-Dichlorobenzene	11.668	146	189947	9.229	ppbv		99
77) 1,2-Dichlorobenzene	11.940	146	178522	9.023	ppbv		99
78) Hexachloro-1,3-Butadiene	13.876	225	139303	8.437	ppbv		99
79) Naphthalene	13.507	128	307459	9.817	ppbv		100
80) Naphthalene,2-methyl-	14.452	142	78304	9.525	ppbv		98
81) 1,2,4-Trichlorobenzene	13.436	180	137086	9.787	ppbv		98

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

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