

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042563.D
 Acq On : 21 May 2025 13:40
 Operator : SY/MD
 Sample : QC051225 CAN 10401
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051225 CAN 10401

Quant Time: May 21 22:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 21 00:21:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	106729	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	327503	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	278236	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	221132	9.930	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds						Qvalue
4) Chloromethane	1.538	50	127	0.020	ppbv #	41
5) Vinyl Chloride	1.531	62	35	0.005	ppbv #	43
6) Bromomethane	1.651	94	42	0.010	ppbv #	3
7) Chloroethane	1.781	64	22	0.008	ppbv #	44
9) Propene	1.489	41	94	0.016	ppbv #	15
16) 1,3-Butadiene	1.616	39	38	0.006	ppbv #	11
17) tert-Butyl alcohol	2.049	59	392	0.023	ppbv	98
18) 1,1-Dichloroethene	2.069	96	24	0.003	ppbv #	1
21) Allyl Chloride	2.101	41	52	0.005	ppbv #	19
22) trans-1,2-Dichloroethene	2.266	96	28	0.003	ppbv #	1
23) Vinyl Acetate	2.470	43	162	0.010	ppbv #	1
24) 1,1-Dichloroethane	2.341	63	25	0.002	ppbv #	86
25) Ethyl Acetate	2.858	43	13	0.000	ppbv #	74
26) Hexane	2.480	57	25	0.002	ppbv #	1
27) Carbon Disulfide	2.415	76	22	0.001	ppbv #	1
29) Chloroform	2.855	83	37	0.002	ppbv #	18
31) cis-1,2-Dichloroethene	2.434	61	28	0.002	ppbv #	23
34) 2-Butanone	2.567	43	456	0.026	ppbv #	49
36) Benzene	3.325	78	27	0.001	ppbv #	56
41) Tetrahydrofuran	2.820	42	26	0.003	ppbv #	33
42) Bromodichloromethane	4.182	83	43	0.002	ppbv #	25
44) 2,2,4-Trimethylpentane	4.231	57	26	0.001	ppbv #	43
50) 4-Methyl-2-Pentanone	5.522	43	47	0.002	ppbv #	37
53) Toluene	6.950	91	49	0.002	ppbv #	21
57) Chlorobenzene	8.927	112	24	0.001	ppbv #	65
58) Ethyl Benzene	9.532	91	75	0.002	ppbv #	44
59) m/p-Xylene	9.558	91	69	0.002	ppbv #	1
60) o-Xylene	9.966	91	96	0.003	ppbv #	33
62) Isopropylbenzene	10.390	105	87	0.002	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	10.387	83	168	0.008	ppbv #	1
64) n-propylbenzene	11.096	120	189	0.016	ppbv #	1
65) tert-Butylbenzene	11.542	119	70	0.002	ppbv #	20
67) sec-Butylbenzene	11.782	105	103	0.002	ppbv #	1
69) p-Isopropyltoluene	11.928	119	33	0.001	ppbv #	48
70) n-Butylbenzene	11.889	91	50	0.001	ppbv #	32
71) 2-Chlorotoluene	10.992	91	109	0.003	ppbv #	44
72) 4-Ethyltoluene	11.135	105	174	0.005	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	716	0.022	ppbv #	76

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

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