

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042564.D
 Acq On : 21 May 2025 14:14
 Operator : SY/MD
 Sample : QC051325 CAN 10331
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051325 CAN 10331

Quant Time: May 21 22:55:28 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	104386	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	312149	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	265290	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	214186	10.088	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%

Target Compounds					Qvalue	
6) Bromomethane	1.661	94	46	0.012	ppbv #	3
7) Chloroethane	1.706	64	51	0.018	ppbv #	56
10) Heptane	4.580	43	53	0.004	ppbv #	24
14) Bromoethene	1.722	108	21	0.003	ppbv #	1
17) tert-Butyl alcohol	2.049	59	102	0.006	ppbv #	14
18) 1,1-Dichloroethene	1.988	96	56	0.008	ppbv #	1
21) Allyl Chloride	2.101	41	47	0.005	ppbv #	19
22) trans-1,2-Dichloroethene	2.315	96	24	0.003	ppbv #	1
23) Vinyl Acetate	2.473	43	25	0.002	ppbv #	1
24) 1,1-Dichloroethane	2.282	63	40	0.003	ppbv #	86
25) Ethyl Acetate	2.846	43	14	0.000	ppbv #	74
26) Hexane	2.412	57	25	0.002	ppbv #	1
27) Carbon Disulfide	2.156	76	64	0.003	ppbv #	1
29) Chloroform	2.852	83	27	0.001	ppbv	95
34) 2-Butanone	2.570	43	290	0.018	ppbv #	70
36) Benzene	3.674	78	25	0.001	ppbv #	56
41) Tetrahydrofuran	3.153	42	42	0.005	ppbv #	33
42) Bromodichloromethane	4.338	83	21	0.001	ppbv #	25
44) 2,2,4-Trimethylpentane	4.270	57	24	0.001	ppbv #	43
50) 4-Methyl-2-Pentanone	5.759	43	28	0.001	ppbv #	20
53) Toluene	6.946	91	30	0.001	ppbv #	21
57) Chlorobenzene	8.911	112	28	0.001	ppbv #	67
58) Ethyl Benzene	9.542	91	36	0.001	ppbv #	44
59) m/p-Xylene	9.542	91	36	0.001	ppbv #	30
60) o-Xylene	10.384	91	509	0.017	ppbv #	1
62) Isopropylbenzene	10.400	105	23	0.001	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	10.387	83	224	0.011	ppbv #	1
65) tert-Butylbenzene	11.772	119	61	0.002	ppbv #	1
66) Benzyl Chloride	11.552	91	32	0.006	ppbv #	65
67) sec-Butylbenzene	11.879	105	49	0.001	ppbv #	1
69) p-Isopropyltoluene	11.785	119	126	0.003	ppbv #	48
72) 4-Ethyltoluene	11.131	105	66	0.002	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	94	0.003	ppbv #	31
74) 1,2,4-Trimethylbenzene	11.539	105	247	0.007	ppbv #	48

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

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