

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052125\
 Data File : VL042562.D
 Acq On : 21 May 2025 12:33
 Operator : SY/MD
 Sample : QC051925 CAN 10158
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC051925 CAN 10158

Quant Time: May 21 22:54:48 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	2.790	49	104582	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	321263	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	276069	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	222792	10.083	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds					Qvalue	
4) Chloromethane	1.531	50	97	0.015	ppbv #	41
6) Bromomethane	1.648	94	49	0.012	ppbv #	77
7) Chloroethane	1.709	64	26	0.009	ppbv #	44
10) Heptane	4.768	43	37	0.003	ppbv #	24
17) tert-Butyl alcohol	2.043	59	281	0.017	ppbv	96
18) 1,1-Dichloroethene	2.163	96	62	0.008	ppbv #	1
19) Isopropyl Alcohol	1.891	45	172	0.021	ppbv #	32
21) Allyl Chloride	2.091	41	72	0.008	ppbv #	1
22) trans-1,2-Dichloroethene	2.366	96	44	0.005	ppbv #	1
23) Vinyl Acetate	2.467	43	83	0.005	ppbv #	38
24) 1,1-Dichloroethane	2.176	63	38	0.003	ppbv #	86
25) Ethyl Acetate	2.726	43	25	0.001	ppbv #	1
26) Hexane	2.515	57	23	0.002	ppbv #	1
27) Carbon Disulfide	1.832	76	31	0.002	ppbv #	1
29) Chloroform	2.852	83	46	0.002	ppbv #	18
34) 2-Butanone	2.567	43	507	0.030	ppbv #	74
36) Benzene	4.137	78	14	0.001	ppbv #	56
41) Tetrahydrofuran	2.803	42	25	0.003	ppbv #	33
42) Bromodichloromethane	4.295	83	31	0.001	ppbv #	25
44) 2,2,4-Trimethylpentane	4.169	57	26	0.001	ppbv #	20
51) 2-Hexanone	7.678	43	21	0.001	ppbv #	27
53) Toluene	6.943	91	44	0.002	ppbv #	21
57) Chlorobenzene	8.930	112	24	0.001	ppbv #	25
58) Ethyl Benzene	9.526	91	97	0.003	ppbv #	44
59) m/p-Xylene	9.558	91	158	0.005	ppbv #	30
60) o-Xylene	9.542	91	222	0.007	ppbv	74
61) Styrene	10.005	104	26	0.002	ppbv #	29
62) Isopropylbenzene	10.403	105	23	0.000	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	10.377	83	110	0.005	ppbv #	25
64) n-propylbenzene	11.099	120	245	0.021	ppbv #	1
65) tert-Butylbenzene	11.542	119	219	0.005	ppbv #	41
66) Benzyl Chloride	11.575	91	21	0.004	ppbv #	65
67) sec-Butylbenzene	11.779	105	37	0.001	ppbv #	1
69) p-Isopropyltoluene	11.879	119	45	0.001	ppbv #	1
70) n-Butylbenzene	12.290	91	35	0.001	ppbv #	24
71) 2-Chlorotoluene	10.992	91	153	0.005	ppbv #	44
72) 4-Ethyltoluene	11.135	105	115	0.003	ppbv #	65
73) 1,3,5-Trimethylbenzene	11.209	105	495	0.015	ppbv #	70

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

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