

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038313.D
 Acq On : 28 Jan 2022 8:33
 Operator : SY/AP
 Sample : QC012722 CAN 10667
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012722 CAN 10667

Quant Time: Jan 29 06:03:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	735334	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	1985065	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	1651706	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1242229	9.91	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.05	85	24794	0.158	ppbv 90
3) Chlorodifluoromethane	2.99	51	26377	0.180	ppbv 99
4) Chloromethane	3.14	50	8641	0.172	ppbv 89
5) Vinyl Chloride	3.26	62	7578	0.151	ppbv # 88
6) Bromomethane	3.47	94	1526	0.056	ppbv # 31
7) Chloroethane	3.56	64	1781	0.105	ppbv # 85
8) Dichlorotetrafluoroethane	3.19	85	19761	0.163	ppbv 97
9) Propene	3.01	41	4307	0.090	ppbv # 15
10) Heptane	8.10	43	4578	0.037	ppbv # 28
11) Trichlorofluoromethane	3.95	101	20333	0.167	ppbv 91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	9997	0.108	ppbv # 51
13) Ethanol	3.61	45	858	0.168	ppbv # 37
14) Bromoethene	3.74	108	4961	0.138	ppbv 85
15) Acetone	3.86	43	18092	0.279	ppbv # 83
16) 1,3-Butadiene	3.33	39	7285	0.157	ppbv 96
18) 1,1-Dichloroethene	4.29	96	4981	0.124	ppbv # 57
19) Isopropyl Alcohol	3.99	45	2801	0.069	ppbv # 64
20) Methylene Chloride	4.34	84	10662	0.283	ppbv # 89
21) Allyl Chloride	4.41	41	6349	0.111	ppbv # 49
22) trans-1,2-Dichloroethene	4.88	96	4745	0.115	ppbv 84
23) Vinyl Acetate	5.07	43	3486	0.037	ppbv # 95
24) 1,1-Dichloroethane	5.01	63	8010	0.095	ppbv # 96
25) Ethyl Acetate	5.68	43	23595	0.130	ppbv # 95
26) Hexane	5.66	57	3631	0.043	ppbv # 1
27) Carbon Disulfide	4.54	76	6337	0.064	ppbv # 79
28) Methyl tert-Butyl Ether	5.04	73	4383	0.050	ppbv # 53
29) Chloroform	5.74	83	21948	0.159	ppbv # 80
30) Cyclohexane	7.12	84	7084	0.096	ppbv # 9
31) cis-1,2-Dichloroethene	5.54	61	5149	0.070	ppbv # 84
32) 1,1,1-Trichloroethane	6.49	97	7454	0.054	ppbv # 22
34) 2-Butanone	5.25	43	3930	0.061	ppbv # 1
35) Carbon Tetrachloride	7.01	117	12420	0.089	ppbv 91
36) Benzene	6.87	78	26038	0.148	ppbv # 90
37) 1,2-Dichloroethane	6.29	62	6251	0.062	ppbv # 62
38) Trichloroethene	7.82	130	3719	0.057	ppbv # 27
39) 1,2-Dichloropropane	7.60	63	10740	0.151	ppbv # 72
41) Tetrahydrofuran	6.08	42	2620	0.060	ppbv # 49
42) Bromodichloromethane	7.77	83	9787	0.066	ppbv 89
43) Methyl Methacrylate	8.01	69	5052	0.081	ppbv # 46
44) 2,2,4-Trimethylpentane	7.85	57	39791	0.129	ppbv # 91
46) cis-1,3-Dichloropropene	8.69	75	5124	0.076	ppbv # 67

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47) 1,1,2-Trichloroethane	9.46	97	8311	0.119	ppbv	# 70
48) Dibromochloromethane	10.28	129	4041	0.034	ppbv	# 10
52) Tetrachloroethene	11.20	164	4179	0.069	ppbv	# 79
53) Toluene	9.79	91	12049	0.062	ppbv	# 21
54) 1,2-Dibromoethane	10.59	107	10574	0.106	ppbv	# 87
56) 1,1,1,2-Tetrachloroethane	12.12	131	2715	0.038	ppbv	# 8
57) Chlorobenzene	12.13	112	9411	0.071	ppbv	# 68
59) m/p-Xylene	12.98	91	21752	0.105	ppbv	# 19
60) o-Xylene	13.67	91	20934	0.109	ppbv	# 95
61) Styrene	13.50	104	4118	0.046	ppbv	# 1
62) Isopropylbenzene	14.64	105	13802	0.054	ppbv	# 49
63) 1,1,2,2-Tetrachloroethane	13.65	83	9570	0.067	ppbv	# 16
64) n-propylbenzene	15.54	120	2474	0.040	ppbv	# 1
65) tert-Butylbenzene	16.73	119	10585	0.050	ppbv	# 17
66) Benzyl Chloride	16.96	91	329	0.034	ppbv	# 1
67) sec-Butylbenzene	17.28	105	33319	0.113	ppbv	# 100
69) p-Isopropyltoluene	17.63	119	7910	0.035	ppbv	# 48
70) n-Butylbenzene	18.54	91	16288	0.074	ppbv	# 74
71) 2-Chlorotoluene	15.43	91	10501	0.055	ppbv	# 30
72) 4-Ethyltoluene	15.82	105	10276	0.051	ppbv	# 46
73) 1,3,5-Trimethylbenzene	15.96	105	5515	0.030	ppbv	# 91
74) 1,2,4-Trimethylbenzene	16.74	105	9729	0.051	ppbv	# 80
75) 1,3-Dichlorobenzene	16.97	146	5779	0.056	ppbv	# 1
76) 1,4-Dichlorobenzene	17.11	146	3332	0.034	ppbv	# 1
77) 1,2-Dichlorobenzene	17.80	146	3942	0.041	ppbv	# 22

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

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