

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035577.D
 Acq On : 9 Sep 2020 7:51
 Operator : SY/AP
 Sample : L3898-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-8

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:45:51 AM

Quant Time: Sep 09 08:38:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1064438	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	4361532	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4362795	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3289666	10.62	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	116223	0.630	ppbv	93
3) Chlorodifluoromethane	2.97	51	185454m	1.575	ppbv	
4) Chloromethane	3.12	50	30044	0.476	ppbv	97
9) Propene	3.00	41	78672	1.733	ppbv #	71
10) Heptane	8.11	43	27632m	0.227	ppbv	
11) Trichlorofluoromethane	3.93	101	2196506	8.165	ppbv	99
13) Ethanol	3.59	45	770890	68.506	ppbv	97
15) Acetone	3.83	43	6878883	58.595	ppbv #	84
17) tert-Butyl alcohol	4.29	59	329804	2.308	ppbv #	90
19) Isopropyl Alcohol	3.96	45	534720	7.635	ppbv #	93
20) Methylene Chloride	4.33	84	234153	2.678	ppbv	98
26) Hexane	5.67	57	141918	1.208	ppbv #	69
29) Chloroform	5.74	83	212866	0.889	ppbv	97
30) Cyclohexane	7.12	84	18174	0.144	ppbv #	84
32) 1,1,1-Trichloroethane	6.50	97	11243	0.048	ppbv	94
34) 2-Butanone	5.23	43	127575	0.986	ppbv	96
35) Carbon Tetrachloride	7.01	117	14731	0.067	ppbv #	90
36) Benzene	6.88	78	71956	0.255	ppbv	98
37) 1,2-Dichloroethane	6.30	62	17782	0.132	ppbv #	92
44) 2,2,4-Trimethylpentane	7.86	57	75768	0.204	ppbv #	88
50) 4-Methyl-2-Pentanone	8.74	43	20441	0.109	ppbv	96
52) Tetrachloroethene	11.21	164	24596	0.149	ppbv	95
53) Toluene	9.80	91	632887	1.783	ppbv	96
58) Ethyl Benzene	12.71	91	94930	0.211	ppbv #	84
59) m/p-Xylene	12.96	91	323721	0.861	ppbv	96
60) o-Xylene	13.69	91	126800	0.335	ppbv	95
61) Styrene	13.52	104	28909	0.100	ppbv	95
65) tert-Butylbenzene	16.77	119	72349m	0.128	ppbv	
69) p-Isopropyltoluene	17.65	119	95360	0.144	ppbv	97
70) n-Butylbenzene	18.56	91	113201m	0.178	ppbv	
72) 4-Ethyltoluene	15.84	105	91890	0.191	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	186622	0.419	ppbv	94
74) 1,2,4-Trimethylbenzene	16.76	105	581454	1.189	ppbv #	70
76) 1,4-Dichlorobenzene	17.13	146	142328	0.398	ppbv	96
79) Naphthalene	22.21	128	1539723	2.838	ppbv	95
80) Naphthalene,2-methyl-	24.98	142	75140	0.406	ppbv	99

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

