

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035542.D
 Acq On : 3 Sep 2020 22:32
 Operator : SY/AP
 Sample : L3898-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:12:56 PM

Quant Time: Sep 05 15:13:22 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	5.71	49	1040636	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	4478263	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.13	117	4469346	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3325340	10.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	63137	0.350	ppbv	97
3) Chlorodifluoromethane	3.00	51	85251m	0.741	ppbv	
4) Chloromethane	3.15	50	37072	0.601	ppbv	100
9) Propene	3.03	41	444785	10.024	ppbv #	64
10) Heptane	8.16	43	47153	0.396	ppbv	99
11) Trichlorofluoromethane	3.96	101	969875	3.688	ppbv	97
13) Ethanol	3.64	45	1327580	120.676	ppbv	97
15) Acetone	3.88	43	17856539	155.582	ppbv #	48
19) Isopropyl Alcohol	4.00	45	660431	9.646	ppbv #	93
20) Methylene Chloride	4.38	84	1323886	15.487	ppbv	96
26) Hexane	5.71	57	704088	6.129	ppbv #	54
29) Chloroform	5.79	83	47239	0.202	ppbv	93
30) Cyclohexane	7.16	84	42053	0.342	ppbv	96
32) 1,1,1-Trichloroethane	6.55	97	39880	0.176	ppbv	96
34) 2-Butanone	5.28	43	324732	2.443	ppbv	99
35) Carbon Tetrachloride	7.05	117	17238	0.077	ppbv #	76
36) Benzene	6.93	78	158146	0.546	ppbv	98
37) 1,2-Dichloroethane	6.34	62	19727	0.143	ppbv #	92
38) Trichloroethene	7.87	130	5446m	0.032	ppbv	
41) Tetrahydrofuran	6.09	42	16277	0.231	ppbv #	91
44) 2,2,4-Trimethylpentane	7.90	57	229007	0.600	ppbv #	84
50) 4-Methyl-2-Pentanone	8.79	43	47160	0.245	ppbv	99
52) Tetrachloroethene	11.26	164	23642	0.140	ppbv	88
53) Toluene	9.84	91	2710932	7.437	ppbv	99
58) Ethyl Benzene	12.75	91	259954	0.564	ppbv	93
59) m/p-Xylene	13.01	91	887775	2.305	ppbv	97
60) o-Xylene	13.73	91	303014	0.781	ppbv	99
69) p-Isopropyltoluene	17.70	119	219948	0.325	ppbv	94
72) 4-Ethyltoluene	15.88	105	80489	0.163	ppbv #	87
73) 1,3,5-Trimethylbenzene	16.04	105	95474	0.209	ppbv	90
74) 1,2,4-Trimethylbenzene	16.81	105	286096	0.571	ppbv #	72
76) 1,4-Dichlorobenzene	17.18	146	135331	0.370	ppbv	96
79) Naphthalene	22.27	128	293541	0.528	ppbv	95
80) Naphthalene,2-methyl-	25.01	142	7501	0.040	ppbv #	87

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

