

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035560.D
 Acq On : 8 Sep 2020 17:30
 Operator : SY/AP
 Sample : L3936-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 02-WHDUP

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:45:26 AM

Quant Time: Sep 09 09:02:05 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	5.66	49	1039067	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	4447061	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4448933	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3346769	10.59	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	48834	0.271	ppbv	98
3) Chlorodifluoromethane	2.98	51	47003m	0.409	ppbv	
4) Chloromethane	3.13	50	31499	0.512	ppbv #	86
9) Propene	3.01	41	1849824m	41.754	ppbv	
10) Heptane	8.13	43	63651	0.535	ppbv	95
11) Trichlorofluoromethane	3.94	101	66133	0.252	ppbv	92
13) Ethanol	3.60	45	725198	66.019	ppbv	97
15) Acetone	3.84	43	1941908	16.945	ppbv	100
19) Isopropyl Alcohol	3.97	45	207847	3.040	ppbv #	1
20) Methylene Chloride	4.34	84	489399	5.734	ppbv	97
26) Hexane	5.68	57	218797	1.907	ppbv #	55
27) Carbon Disulfide	4.55	76	56219	0.342	ppbv #	87
30) Cyclohexane	7.13	84	21077m	0.172	ppbv	
34) 2-Butanone	5.25	43	167105	1.266	ppbv	100
35) Carbon Tetrachloride	7.02	117	14632	0.065	ppbv	97
36) Benzene	6.89	78	144460	0.502	ppbv #	95
44) 2,2,4-Trimethylpentane	7.87	57	302615	0.799	ppbv	92
50) 4-Methyl-2-Pentanone	8.76	43	72567m	0.380	ppbv	
52) Tetrachloroethene	11.24	164	12612m	0.075	ppbv	
53) Toluene	9.81	91	5108993	14.113	ppbv	98
58) Ethyl Benzene	12.72	91	268923	0.586	ppbv	93
59) m/p-Xylene	12.98	91	875308	2.283	ppbv	97
60) o-Xylene	13.70	91	291450	0.755	ppbv	96
61) Styrene	13.53	104	76723	0.260	ppbv	97
64) n-propylbenzene	15.57	120	18560	0.098	ppbv #	51
65) tert-Butylbenzene	16.78	119	56045m	0.097	ppbv	
72) 4-Ethyltoluene	15.85	105	119182	0.243	ppbv	96
73) 1,3,5-Trimethylbenzene	16.01	105	121048	0.267	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	459190	0.921	ppbv #	72
79) Naphthalene	22.23	128	53310m	0.096	ppbv	

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

