

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092320\
 Data File : VL035719.D
 Acq On : 23 Sep 2020 15:05
 Operator : SY/AP
 Sample : L4079-02DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-2DUP

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:35:40 PM

Quant Time: Sep 24 11:36:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1077733	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4217931	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4363820	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	3299345	10.09	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	51672	0.292	ppbv	95
3) Chlorodifluoromethane	2.99	51	44836m	0.387	ppbv	
4) Chloromethane	3.14	50	34084	0.547	ppbv	96
5) Vinyl Chloride	3.26	62	4047	0.055	ppbv	96
9) Propene	3.02	41	60931m	1.447	ppbv	
10) Heptane	8.15	43	175509	1.495	ppbv #	19
11) Trichlorofluoromethane	3.96	101	78474	0.311	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	24304	0.129	ppbv	100
13) Ethanol	3.61	45	134623	12.968	ppbv	100
15) Acetone	3.85	43	1285472	11.085	ppbv	89
19) Isopropyl Alcohol	3.98	45	190377	3.018	ppbv #	89
20) Methylene Chloride	4.35	84	226240	2.656	ppbv	97
26) Hexane	5.70	57	457857	4.004	ppbv #	51
27) Carbon Disulfide	4.56	76	24676	0.145	ppbv #	77
29) Chloroform	5.76	83	22916	0.099	ppbv	95
30) Cyclohexane	7.15	84	98226	0.871	ppbv	96
32) 1,1,1-Trichloroethane	6.53	97	10228	0.050	ppbv	95
34) 2-Butanone	5.26	43	74349	0.533	ppbv	98
35) Carbon Tetrachloride	7.03	117	23143m	0.105	ppbv	
36) Benzene	6.91	78	70313	0.256	ppbv	92
44) 2,2,4-Trimethylpentane	7.89	57	4304373	10.914	ppbv	96
52) Tetrachloroethene	11.25	164	49506	0.375	ppbv	96
53) Toluene	9.83	91	362380	1.118	ppbv	97
58) Ethyl Benzene	12.74	91	217616	0.497	ppbv	92
59) m/p-Xylene	13.00	91	221198m	0.578	ppbv	
60) o-Xylene	13.72	91	66039	0.171	ppbv	98
62) Isopropylbenzene	14.70	105	171511	0.286	ppbv	95
64) n-propylbenzene	15.60	120	128264	0.730	ppbv	71
67) sec-Butylbenzene	17.33	105	100189	0.133	ppbv	93
70) n-Butylbenzene	18.58	91	94756	0.150	ppbv #	85
72) 4-Ethyltoluene	15.87	105	61786	0.135	ppbv #	92
74) 1,2,4-Trimethylbenzene	16.79	105	133257	0.273	ppbv #	78
79) Naphthalene	22.25	128	647389	1.390	ppbv	97

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

