

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092419\
 Data File : VL034200.D
 Acq On : 24 Sep 2019 13:32
 Operator : SY/AP
 Sample : K5011-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AIR-01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 12:39:32 AM

Quant Time: Sep 25 10:16:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1088412	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1869319	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1962206	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1805571	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	19122	0.119	ppbv	89
3) Chlorodifluoromethane	2.97	51	167066m	1.309	ppbv	
4) Chloromethane	3.13	50	33388	0.445	ppbv #	77
5) Vinyl Chloride	3.25	62	3084m	0.045	ppbv	
9) Propene	3.00	41	78201	1.242	ppbv #	72
10) Heptane	8.18	43	96638	0.589	ppbv	99
11) Trichlorofluoromethane	3.95	101	80620	0.551	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	13503	0.141	ppbv	85
13) Ethanol	3.61	45	1722226	112.959	ppbv	99
15) Acetone	3.85	43	3484041	23.883	ppbv	98
17) tert-Butyl alcohol	4.31	59	542321	5.867	ppbv	100
18) 1,1-Dichloroethene	4.30	96	7836m	0.188	ppbv	
19) Isopropyl Alcohol	3.99	45	687258	7.661	ppbv #	1
20) Methylene Chloride	4.35	84	756132	17.978	ppbv	93
22) trans-1,2-Dichloroethene	4.90	96	4623m	0.111	ppbv	
26) Hexane	5.72	57	1063983	9.272	ppbv #	74
27) Carbon Disulfide	4.56	76	73387	0.693	ppbv #	87
29) Chloroform	5.78	83	1593654	9.719	ppbv	98
30) Cyclohexane	7.18	84	160959	1.943	ppbv	86
31) cis-1,2-Dichloroethene	5.58	61	159424m	1.363	ppbv	
32) 1,1,1-Trichloroethane	6.55	97	11891m	0.075	ppbv	
34) 2-Butanone	5.27	43	375703	1.968	ppbv	98
35) Carbon Tetrachloride	7.06	117	17656m	0.114	ppbv	
36) Benzene	6.93	78	47010	0.228	ppbv #	92
38) Trichloroethene	7.89	130	2171979	29.444	ppbv	99
42) Bromodichloromethane	7.85	83	93130m	0.528	ppbv	
50) 4-Methyl-2-Pentanone	8.80	43	221906	0.799	ppbv	97
52) Tetrachloroethene	11.30	164	10675m	0.157	ppbv	
53) Toluene	9.87	91	2980967	13.211	ppbv	100
58) Ethyl Benzene	12.79	91	213407	0.674	ppbv	89
59) m/p-Xylene	13.04	91	443882m	1.693	ppbv	
60) o-Xylene	13.77	91	159372	0.608	ppbv	98
61) Styrene	13.60	104	107075	0.570	ppbv	97
62) Isopropylbenzene	14.75	105	71944	0.212	ppbv	96
74) 1,2,4-Trimethylbenzene	16.85	105	101285	0.333	ppbv #	70

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

