

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033215.D
 Acq On : 15 Feb 2019 2:12
 Operator : SY/AP
 Sample : K1483-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ZONE-F

Manual Integrations
 APPROVED

MMDadoda
 2/21/2019 1:02:32 PM

Quant Time: Feb 21 01:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 21 2019
 QLast Update : Wed Feb 20 06:00:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	912229	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2070871	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2066467	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.58	95	1644158	10.21	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	76909	0.441	ppbv	100
3) Chlorodifluoromethane	3.02	51	27492m	0.250	ppbv	
4) Chloromethane	3.17	50	24965	0.430	ppbv	89
7) Chloroethane	3.60	64	19166m	0.968	ppbv	
10) Heptane	8.25	43	38765	0.241	ppbv	99
11) Trichlorofluoromethane	4.01	101	48292	0.342	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	56415	0.577	ppbv	97
13) Ethanol	3.65	45	187707m	10.410	ppbv	
15) Acetone	3.90	43	1116573m	10.864	ppbv	
17) tert-Butyl alcohol	4.36	59	35051	1.775	ppbv #	74
18) 1,1-Dichloroethene	4.35	96	29496	0.673	ppbv	93
19) Isopropyl Alcohol	4.02	45	1861350	26.704	ppbv	99
20) Methylene Chloride	4.41	84	75204	1.840	ppbv	97
22) trans-1,2-Dichloroethene	4.96	96	12391	0.291	ppbv	93
24) 1,1-Dichloroethane	5.09	63	1289021	10.231	ppbv	99
26) Hexane	5.78	57	149699	1.380	ppbv #	41
32) 1,1,1-Trichloroethane	6.62	97	5929665	32.394	ppbv	99
34) 2-Butanone	5.34	43	69694	0.531	ppbv	98
35) Carbon Tetrachloride	7.13	117	11714m	0.074	ppbv	
36) Benzene	7.01	78	73447	0.350	ppbv	97
38) Trichloroethene	7.97	130	8853m	0.099	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	298968	0.841	ppbv	96
52) Tetrachloroethene	11.38	164	10085m	0.125	ppbv	
53) Toluene	9.95	91	274070	1.103	ppbv	99
58) Ethyl Benzene	12.87	91	91951	0.271	ppbv	98
59) m/p-Xylene	13.12	91	357411	1.267	ppbv	98
60) o-Xylene	13.85	91	96520	0.351	ppbv	98
74) 1,2,4-Trimethylbenzene	16.93	105	48386	0.154	ppbv #	72

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

