

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033485.D
 Acq On : 28 Mar 2019 2:12
 Operator : SY/AP
 Sample : K1991-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VMP-2

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:26:03 AM

Quant Time: Mar 28 09:46:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 28 09:46:40 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	808016	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1892796	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1922198	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1490372	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	31470	0.267	ppbv #	87
3) Chlorodifluoromethane	3.01	51	21318m	0.229	ppbv	
4) Chloromethane	3.17	50	24368	0.495	ppbv #	85
9) Propene	3.04	41	18527	0.474	ppbv #	80
10) Heptane	8.24	43	56477	0.541	ppbv	98
11) Trichlorofluoromethane	4.00	101	31521	0.217	ppbv	86
13) Ethanol	3.65	45	3962312	391.954	ppbv	65
15) Acetone	3.89	43	1628678	16.764	ppbv	100
17) tert-Butyl alcohol	4.38	59	14824m	0.830	ppbv	
20) Methylene Chloride	4.40	84	48986	1.188	ppbv	91
26) Hexane	5.77	57	94057	1.174	ppbv #	46
29) Chloroform	5.84	83	111359	0.811	ppbv	98
30) Cyclohexane	7.24	84	28019	0.442	ppbv	86
34) 2-Butanone	5.32	43	156691	1.378	ppbv	99
35) Carbon Tetrachloride	7.13	117	7578	0.057	ppbv #	87
36) Benzene	7.00	78	19890m	0.125	ppbv	
38) Trichloroethene	7.95	130	10091m	0.169	ppbv	
41) Tetrahydrofuran	6.15	42	30434	0.487	ppbv	95
53) Toluene	9.94	91	156859	0.850	ppbv	98
59) m/p-Xylene	13.12	91	33972m	0.148	ppbv	

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

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