

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033509.D
 Acq On : 29 Mar 2019 19:34
 Operator : SY/AP
 Sample : K2042-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4

Manual Integrations
 APPROVED

MMDadoda
 4/2/2019 8:40:15 AM

Quant Time: Mar 31 15:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 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	5.76	49	823695	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1876693	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1946503	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1495408	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	16569m	0.138	ppbv
7) Chloroethane	3.60	64	4978m	0.271	ppbv
9) Propene	3.04	41	31324	0.787	ppbv
10) Heptane	8.25	43	19578	0.184	ppbv
11) Trichlorofluoromethane	4.00	101	36869	0.249	ppbv
12) 1,1,2-Trichlorotrifluoroet	4.56	101	7351	0.074	ppbv
13) Ethanol	3.66	45	2312504	224.400	ppbv
15) Acetone	3.90	43	642671	6.489	ppbv
17) tert-Butyl alcohol	4.37	59	18957m	1.041	ppbv
19) Isopropyl Alcohol	4.03	45	179660	2.868	ppbv #
20) Methylene Chloride	4.41	84	134174	3.191	ppbv
22) trans-1,2-Dichloroethene	4.96	96	6298	0.141	ppbv #
26) Hexane	5.78	57	177359	2.171	ppbv #
29) Chloroform	5.85	83	74495m	0.532	ppbv
31) cis-1,2-Dichloroethene	5.64	61	50932	0.627	ppbv
32) 1,1,1-Trichloroethane	6.61	97	4100m	0.031	ppbv
34) 2-Butanone	5.33	43	68249	0.605	ppbv
35) Carbon Tetrachloride	7.13	117	10665m	0.080	ppbv
36) Benzene	7.00	78	52177	0.331	ppbv #
38) Trichloroethene	7.96	130	336174	5.673	ppbv
44) 2,2,4-Trimethylpentane	7.99	57	57961	0.211	ppbv #
52) Tetrachloroethene	11.37	164	5984m	0.101	ppbv
53) Toluene	9.94	91	756478	4.134	ppbv
58) Ethyl Benzene	12.86	91	33647m	0.129	ppbv
59) m/p-Xylene	13.12	91	108583m	0.468	ppbv
60) o-Xylene	13.84	91	30801	0.137	ppbv
74) 1,2,4-Trimethylbenzene	16.92	105	25935m	0.100	ppbv

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

