

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033854.D
 Acq On : 30 May 2019 3:34
 Operator : SY/AP
 Sample : K3067-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5-20190523-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:55 PM

Quant Time: May 30 06:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	724319	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1663507	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1721790	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1373733	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.07	85	38108	0.250	ppbv	95
3) Chlorodifluoromethane	3.01	51	55313m	0.667	ppbv	
4) Chloromethane	3.17	50	12025	0.253	ppbv	94
11) Trichlorofluoromethane	4.00	101	43672	0.300	ppbv	93
13) Ethanol	3.67	45	221566	19.425	ppbv	99
15) Acetone	3.90	43	595615	5.927	ppbv	100
17) tert-Butyl alcohol	4.38	59	14346m	0.177	ppbv	
19) Isopropyl Alcohol	4.05	45	229227	3.538	ppbv #	94
20) Methylene Chloride	4.40	84	132017	3.412	ppbv	94
26) Hexane	5.77	57	182359	2.403	ppbv #	43
27) Carbon Disulfide	4.62	76	23560	0.226	ppbv #	60
34) 2-Butanone	5.33	43	97065	0.941	ppbv	99
35) Carbon Tetrachloride	7.13	117	5286m	0.040	ppbv	
36) Benzene	6.99	78	43853	0.290	ppbv	99
38) Trichloroethene	7.95	130	4119m	0.073	ppbv	
44) 2,2,4-Trimethylpentane	7.98	57	31680m	0.124	ppbv	
52) Tetrachloroethene	11.36	164	57664	1.084	ppbv	97
53) Toluene	9.94	91	506205	3.101	ppbv	99
59) m/p-Xylene	13.12	91	44926m	0.225	ppbv	
60) o-Xylene	13.84	91	22340m	0.111	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	37308	0.153	ppbv #	70

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

