

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052919\
 Data File : VL033848.D
 Acq On : 29 May 2019 23:32
 Operator : SY/AP
 Sample : K3067-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6-20190523-0

Manual Integrations
 APPROVED

apatel
 5/31/2019 12:45:32 PM

Quant Time: May 30 02:47:00 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	763127	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1721219	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1816149	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	1432014	9.73	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	17371m	0.108	ppbv	
3) Chlorodifluoromethane	3.01	51	24114m	0.276	ppbv	
4) Chloromethane	3.17	50	7495m	0.150	ppbv	
11) Trichlorofluoromethane	4.00	101	44750	0.292	ppbv	96
13) Ethanol	3.65	45	222490	18.514	ppbv	100
15) Acetone	3.89	43	657880	6.213	ppbv	97
17) tert-Butyl alcohol	4.36	59	20235	0.236	ppbv	95
19) Isopropyl Alcohol	4.03	45	262008	3.838	ppbv #	95
20) Methylene Chloride	4.40	84	29261	0.718	ppbv #	95
26) Hexane	5.77	57	109718	1.372	ppbv #	44
27) Carbon Disulfide	4.62	76	19823	0.181	ppbv #	83
29) Chloroform	5.84	83	157536	1.070	ppbv	99
32) 1,1,1-Trichloroethane	6.61	97	5724m	0.039	ppbv	
34) 2-Butanone	5.33	43	143918	1.349	ppbv	98
35) Carbon Tetrachloride	7.12	117	5826m	0.042	ppbv	
36) Benzene	7.00	78	34423m	0.220	ppbv	
38) Trichloroethene	7.95	130	39014	0.672	ppbv	88
44) 2,2,4-Trimethylpentane	7.98	57	25616m	0.097	ppbv	
52) Tetrachloroethene	11.37	164	212780	3.866	ppbv	99
53) Toluene	9.94	91	396925	2.350	ppbv	97
59) m/p-Xylene	13.11	91	85597m	0.407	ppbv	
60) o-Xylene	13.84	91	45974	0.217	ppbv	95
74) 1,2,4-Trimethylbenzene	16.91	105	61629	0.240	ppbv #	77

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

