

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033950.D
 Acq On : 24 Jun 2019 23:56
 Operator : SY/AP
 Sample : K3481-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-C-2

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:15:49 AM

Quant Time: Jun 25 05:01:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	890599	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.27	114	2169027	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2177039	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.55	95	1810930	10.13	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	47217	0.327	ppbv	96
3) Chlorodifluoromethane	3.01	51	47049m	0.449	ppbv	
4) Chloromethane	3.16	50	33179	0.555	ppbv #	87
9) Propene	3.04	41	30729m	0.783	ppbv	
11) Trichlorofluoromethane	3.99	101	41643	0.223	ppbv	99
13) Ethanol	3.65	45	76114m	5.963	ppbv	
15) Acetone	3.89	43	690030	5.312	ppbv	100
17) tert-Butyl alcohol	4.37	59	21590m	0.213	ppbv	
19) Isopropyl Alcohol	4.02	45	59187	0.798	ppbv #	94
20) Methylene Chloride	4.39	84	35860	0.708	ppbv #	84
26) Hexane	5.76	57	140336	1.558	ppbv #	41
27) Carbon Disulfide	4.61	76	19425m	0.155	ppbv	
34) 2-Butanone	5.32	43	93896	0.767	ppbv	99
35) Carbon Tetrachloride	7.10	117	10143m	0.061	ppbv	
36) Benzene	6.98	78	29270m	0.177	ppbv	
38) Trichloroethene	7.94	130	47648	0.739	ppbv	93
44) 2,2,4-Trimethylpentane	7.96	57	31155	0.106	ppbv #	57
52) Tetrachloroethene	11.34	164	9066m	0.156	ppbv	
53) Toluene	9.92	91	2159918	11.780	ppbv	99
58) Ethyl Benzene	12.83	91	604197	2.462	ppbv	98
59) m/p-Xylene	13.09	91	2370326	10.620	ppbv	99
60) o-Xylene	13.82	91	748841	3.249	ppbv	99
74) 1,2,4-Trimethylbenzene	16.90	105	63110m	0.212	ppbv	

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

