

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112519\
 Data File : VL034411.D
 Acq On : 25 Nov 2019 18:21
 Operator : SY/AP
 Sample : K5971-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:03:51 AM

Quant Time: Nov 29 12:08:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	951595	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1869485	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1825264	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1553842	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	127255	0.739	ppbv	94
3) Chlorodifluoromethane	2.96	51	47851m	0.403	ppbv	
4) Chloromethane	3.11	50	39750	0.568	ppbv #	88
9) Propene	2.99	41	133647m	2.535	ppbv	
10) Heptane	8.15	43	33445	0.246	ppbv	98
11) Trichlorofluoromethane	3.94	101	39398	0.230	ppbv	98
13) Ethanol	3.64	45	19731539	1343.794	ppbv	76
15) Acetone	3.83	43	1473571	10.814	ppbv	100
17) tert-Butyl alcohol	4.35	59	64227m	0.561	ppbv	
19) Isopropyl Alcohol	4.02	45	4628040m	52.987	ppbv	
20) Methylene Chloride	4.34	84	50048	1.036	ppbv #	77
25) Ethyl Acetate	5.69	43	116449m	0.479	ppbv	
26) Hexane	5.70	57	45037	0.431	ppbv	92
29) Chloroform	5.76	83	51287m	0.303	ppbv	
30) Cyclohexane	7.15	84	16551m	0.210	ppbv	
34) 2-Butanone	5.25	43	67335	0.438	ppbv	98
35) Carbon Tetrachloride	7.04	117	9284m	0.058	ppbv	
36) Benzene	6.92	78	49297	0.264	ppbv	98
44) 2,2,4-Trimethylpentane	7.89	57	33421m	0.098	ppbv	
52) Tetrachloroethene	11.27	164	9690m	0.120	ppbv	
53) Toluene	9.85	91	178421	0.841	ppbv	100
59) m/p-Xylene	13.02	91	62879m	0.257	ppbv	
60) o-Xylene	13.74	91	25711m	0.106	ppbv	
76) 1,4-Dichlorobenzene	17.20	146	27186m	0.167	ppbv	
79) Naphthalene	22.29	128	45560m	0.181	ppbv	

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

