

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041019\
 Data File : VL033571.D
 Acq On : 10 Apr 2019 19:38
 Operator : SY/AP
 Sample : K2301-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 1:01:22 PM

Quant Time: Apr 11 04:19:01 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	838050	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1951693	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1977349	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1626616	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.08	85	34380	0.281	ppbv	97
3) Chlorodifluoromethane	3.02	51	55368m	0.574	ppbv	
4) Chloromethane	3.17	50	24424	0.478	ppbv	96
9) Propene	3.04	41	85342	2.106	ppbv	87
10) Heptane	8.25	43	20588m	0.190	ppbv	
11) Trichlorofluoromethane	4.01	101	31441	0.209	ppbv	96
13) Ethanol	3.66	45	1569691	149.710	ppbv	65
15) Acetone	3.90	43	620518	6.158	ppbv	91
19) Isopropyl Alcohol	4.04	45	214078	3.359	ppbv #	96
20) Methylene Chloride	4.41	84	79787	1.865	ppbv	91
26) Hexane	5.78	57	75389	0.907	ppbv #	56
29) Chloroform	5.85	83	34768m	0.244	ppbv	
34) 2-Butanone	5.34	43	52009	0.444	ppbv	96
35) Carbon Tetrachloride	7.14	117	8100m	0.059	ppbv	
36) Benzene	7.00	78	128045	0.782	ppbv	99
44) 2,2,4-Trimethylpentane	7.98	57	150067m	0.524	ppbv	
52) Tetrachloroethene	11.37	164	96466m	1.561	ppbv	
53) Toluene	9.94	91	479191	2.518	ppbv	99
58) Ethyl Benzene	12.87	91	57215	0.217	ppbv	98
59) m/p-Xylene	13.12	91	230449m	0.977	ppbv	
60) o-Xylene	13.85	91	86312m	0.378	ppbv	
72) 4-Ethyltoluene	16.00	105	121196	0.473	ppbv #	97
73) 1,3,5-Trimethylbenzene	16.16	105	97078	0.396	ppbv	98
74) 1,2,4-Trimethylbenzene	16.92	105	418466	1.591	ppbv #	73

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

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