

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034288.D
 Acq On : 14 Oct 2019 19:18
 Operator : SY/AP
 Sample : K5353-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:59:32 AM

Quant Time: Oct 15 07:31:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1001299	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1681036	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1664253	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1479028	10.23	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	93318	0.631	ppbv	88
3) Chlorodifluoromethane	2.97	51	77015m	0.656	ppbv	
4) Chloromethane	3.12	50	26221	0.380	ppbv #	88
9) Propene	3.00	41	46478m	0.802	ppbv	
11) Trichlorofluoromethane	3.95	101	42546	0.316	ppbv	94
13) Ethanol	3.60	45	1530384	109.109	ppbv	97
15) Acetone	3.84	43	703484	5.242	ppbv	98
17) tert-Butyl alcohol	4.32	59	21307m	0.251	ppbv	
19) Isopropyl Alcohol	3.98	45	211414	2.562	ppbv #	95
20) Methylene Chloride	4.35	84	33979	0.878	ppbv	95
26) Hexane	5.71	57	110729	1.049	ppbv #	57
34) 2-Butanone	5.27	43	79385	0.462	ppbv	99
35) Carbon Tetrachloride	7.05	117	9913m	0.071	ppbv	
36) Benzene	6.92	78	43130m	0.232	ppbv	
53) Toluene	9.86	91	141169	0.696	ppbv	94
58) Ethyl Benzene	12.77	91	26595m	0.099	ppbv	
59) m/p-Xylene	13.03	91	82248m	0.370	ppbv	
60) o-Xylene	13.76	91	30893m	0.139	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	71921	0.279	ppbv #	66
79) Naphthalene	22.31	128	64966m	0.286	ppbv	

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

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