

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111919\
 Data File : VL034390.D
 Acq On : 19 Nov 2019 22:16
 Operator : SY/AP
 Sample : K5924-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 3:54:02 PM

Quant Time: Nov 20 06:06:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 20 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	969624	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1880731	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1853422	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.47	95	1551868	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	128788	0.734	ppbv	92
3) Chlorodifluoromethane	2.96	51	73403m	0.607	ppbv	
4) Chloromethane	3.11	50	27043	0.379	ppbv	100
9) Propene	2.99	41	131041m	2.440	ppbv	
11) Trichlorofluoromethane	3.93	101	35495	0.203	ppbv #	80
13) Ethanol	3.59	45	1670676	106.200	ppbv	95
15) Acetone	3.83	43	816889	5.883	ppbv	99
19) Isopropyl Alcohol	3.96	45	1555300	15.402	ppbv	99
20) Methylene Chloride	4.33	84	54871	1.114	ppbv	96
26) Hexane	5.70	57	81480	0.765	ppbv #	48
31) cis-1,2-Dichloroethene	5.56	61	378118	3.437	ppbv	95
34) 2-Butanone	5.26	43	23327	0.151	ppbv #	88
35) Carbon Tetrachloride	7.04	117	12282m	0.076	ppbv	
36) Benzene	6.91	78	30462m	0.162	ppbv	
38) Trichloroethene	7.86	130	136468	1.769	ppbv	95
52) Tetrachloroethene	11.29	164	8916431	109.612	ppbv	85
53) Toluene	9.84	91	89973m	0.421	ppbv	
59) m/p-Xylene	13.03	91	31065m	0.125	ppbv	
62) Isopropylbenzene	14.72	105	44688m	0.137	ppbv	
74) 1,2,4-Trimethylbenzene	16.82	105	59497	0.201	ppbv #	69

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

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