

Data File : VL032156.D
Acq On : 30 Jun 2018 5:15
Operator : SY/AP
Sample : J3601-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OUTDOOR-1

Manual Integrations
APPROVED

MMDadoda
7/2/2018 4:25:23 PM

Quant Time: Jul 04 02:13:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 2
QLast Update : Fri Jun 29 22:27:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1650737	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3901606	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3529657	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2638375m	9.78	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.13	85	71258	0.328	ppbv	91
3) Chlorodifluoromethane	3.07	51	90728	0.450	ppbv	97
4) Chloromethane	3.23	50	52726	0.490	ppbv	100
9) Propene	3.11	41	26367	0.280	ppbv #	78
10) Heptane	8.34	43	61386	0.224	ppbv	95
11) Trichlorofluoromethane	4.07	101	57048	0.243	ppbv #	81
13) Ethanol	3.75	45	130547m	4.581	ppbv	
15) Acetone	3.97	43	789725	4.091	ppbv	99
19) Isopropyl Alcohol	4.13	45	49993m	0.312	ppbv	
20) Methylene Chloride	4.48	84	391884	5.556	ppbv	95
26) Hexane	5.86	57	544051	2.958	ppbv #	48
30) Cyclohexane	7.34	84	26617m	0.154	ppbv	
34) 2-Butanone	5.41	43	138122	0.558	ppbv	98
35) Carbon Tetrachloride	7.23	117	21801m	0.082	ppbv	
36) Benzene	7.10	78	50048	0.133	ppbv #	82
44) 2,2,4-Trimethylpentane	8.09	57	103647m	0.157	ppbv	
50) 4-Methyl-2-Pentanone	9.00	43	51411m	0.127	ppbv	
52) Tetrachloroethene	11.48	164	12850m	0.094	ppbv	
53) Toluene	10.04	91	736237	1.613	ppbv	100
58) Ethyl Benzene	12.96	91	165618	0.291	ppbv	92
59) m/p-Xylene	13.22	91	325228m	0.713	ppbv	
60) o-Xylene	13.95	91	138712m	0.305	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	62357m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	17.03	105	136209	0.244	ppbv #	71

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

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