

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032165.D
 Acq On : 30 Jun 2018 11:13
 Operator : SY/AP
 Sample : J3601-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-B-INDOOR

Manual Integrations
 APPROVED

MMDadoda
 7/2/2018 4:26:49 PM

Quant Time: Jul 02 12:11:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 2018
 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	1585148	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.38	114	3976042	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3538086	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2817470	10.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	47958	0.23	ppbv	90
3) Chlorodifluoromethane	3.07	51	54647m	0.28	ppbv	
4) Chloromethane	3.23	50	82501	0.80	ppbv	94
9) Propene	3.11	41	3372887m	37.36	ppbv	
10) Heptane	8.34	43	79521	0.30	ppbv	87
11) Trichlorofluoromethane	4.07	101	115689	0.51	ppbv	99
13) Ethanol	3.74	45	11562923	422.54	ppbv	97
15) Acetone	3.96	43	6834082	36.87	ppbv	97
19) Isopropyl Alcohol	4.13	45	2201834m	14.30	ppbv	
20) Methylene Chloride	4.49	84	78292	1.16	ppbv	95
25) Ethyl Acetate	5.85	43	1201616	3.13	ppbv #	91
27) Carbon Disulfide	4.70	76	25643	0.15	ppbv #	41
29) Chloroform	5.94	83	351113m	1.37	ppbv	
34) 2-Butanone	5.41	43	529848	2.10	ppbv	97
35) Carbon Tetrachloride	7.22	117	23839m	0.09	ppbv	
36) Benzene	7.09	78	121777	0.32	ppbv	99
37) 1,2-Dichloroethane	6.50	62	555629	2.90	ppbv	98
41) Tetrahydrofuran	6.23	42	39580	0.26	ppbv #	70
50) 4-Methyl-2-Pentanone	8.97	43	155647m	0.38	ppbv	
52) Tetrachloroethene	11.48	164	12716m	0.09	ppbv	
53) Toluene	10.04	91	1709698	3.68	ppbv	99
58) Ethyl Benzene	12.96	91	386551	0.68	ppbv	95
59) m/p-Xylene	13.22	91	726885	1.59	ppbv	97
60) o-Xylene	13.95	91	301899	0.66	ppbv	97
61) Styrene	13.78	104	156191	0.42	ppbv	94
69) p-Isopropyltoluene	17.92	119	513621	0.71	ppbv	95
74) 1,2,4-Trimethylbenzene	17.02	105	156365	0.28	ppbv #	73
76) 1,4-Dichlorobenzene	17.41	146	96199	0.30	ppbv	91

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

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