

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\
 Data File : VL032169.D
 Acq On : 30 Jun 2018 13:51
 Operator : SY/AP
 Sample : J3601-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RESIDENT-C-INDOOR

Manual Integrations
 APPROVED

MMDadoda
 7/2/2018 4:26:25 PM

Quant Time: Jul 02 12:06:32 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	1329727	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.39	114	3002809	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.34	117	3246513	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.68	95	2395437	9.65	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.13	85	66823	0.38	ppbv	100
3) Chlorodifluoromethane	3.07	51	72521m	0.45	ppbv	
4) Chloromethane	3.23	50	972979	11.22	ppbv	98
5) Vinyl Chloride	3.35	62	5217	0.06	ppbv	90
9) Propene	3.09	41	1926458	25.44	ppbv	94
10) Heptane	8.34	43	147047	0.67	ppbv	98
11) Trichlorofluoromethane	4.07	101	68866	0.36	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.63	101	12037	0.10	ppbv	85
13) Ethanol	3.74	45	8065025	351.33	ppbv	99
15) Acetone	3.96	43	8816037	56.70	ppbv	98
16) 1,3-Butadiene	3.42	39	368903	4.97	ppbv #	79
19) Isopropyl Alcohol	4.12	45	12999031m	100.62	ppbv	
20) Methylene Chloride	4.49	84	147853	2.60	ppbv	94
26) Hexane	5.86	57	330403	2.23	ppbv #	56
27) Carbon Disulfide	4.70	76	24099	0.16	ppbv #	36
29) Chloroform	5.94	83	149079	0.69	ppbv	98
30) Cyclohexane	7.34	84	55264	0.40	ppbv #	84
32) 1,1,1-Trichloroethane	6.71	97	34887	0.15	ppbv #	87
34) 2-Butanone	5.41	43	1187931	6.23	ppbv	99
35) Carbon Tetrachloride	7.23	117	16355m	0.08	ppbv	
36) Benzene	7.10	78	1305782	4.49	ppbv	99
37) 1,2-Dichloroethane	6.50	62	72777	0.50	ppbv	99
38) Trichloroethene	8.05	130	4934	0.04	ppbv #	72
41) Tetrahydrofuran	6.24	42	98887	0.87	ppbv	95
42) Bromodichloromethane	8.02	83	26124	0.12	ppbv #	76
44) 2,2,4-Trimethylpentane	8.09	57	71861m	0.14	ppbv	
50) 4-Methyl-2-Pentanone	8.97	43	360295	1.15	ppbv	98
52) Tetrachloroethene	11.47	164	16005m	0.15	ppbv	
53) Toluene	10.05	91	4033705	11.48	ppbv	99
58) Ethyl Benzene	12.96	91	815024	1.56	ppbv	94
59) m/p-Xylene	13.22	91	2044867	4.88	ppbv	97
60) o-Xylene	13.95	91	743971	1.78	ppbv	97
61) Styrene	13.78	104	430385	1.26	ppbv	96
62) Isopropylbenzene	14.93	105	100455	0.16	ppbv	96
64) n-propylbenzene	15.83	120	64616	0.39	ppbv	71
69) p-Isopropyltoluene	17.92	119	167207m	0.25	ppbv	
72) 4-Ethyltoluene	16.10	105	352873	0.65	ppbv	97
73) 1,3,5-Trimethylbenzene	16.26	105	317621	0.62	ppbv	94
74) 1,2,4-Trimethylbenzene	17.03	105	1013232	1.97	ppbv #	75
79) Naphthalene	22.53	128	150696m	0.32	ppbv	
80) Naphthalene,2-methyl-	25.50	142	36481	0.22	ppbv	96

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

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