

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032182.D
 Acq On : 2 Jul 2018 15:09
 Operator : SY/AP
 Sample : J3601-11
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-2

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:09 PM

Quant Time: Jul 03 15:14:31 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	1435537	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3862328	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3480888	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2686070	10.10	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	46866	0.25	ppbv	99
3) Chlorodifluoromethane	3.07	51	110143m	0.63	ppbv	
4) Chloromethane	3.23	50	52448	0.56	ppbv	97
9) Propene	3.11	41	60120m	0.74	ppbv	
10) Heptane	8.34	43	199435	0.84	ppbv	96
11) Trichlorofluoromethane	4.07	101	55008	0.27	ppbv	95
13) Ethanol	3.72	45	518057	20.90	ppbv	96
15) Acetone	3.96	43	1907261	11.36	ppbv #	86
19) Isopropyl Alcohol	4.10	45	327883m	2.35	ppbv	
20) Methylene Chloride	4.48	84	301540	4.92	ppbv	95
26) Hexane	5.86	57	598255	3.74	ppbv	99
27) Carbon Disulfide	4.69	76	48226	0.30	ppbv #	53
30) Cyclohexane	7.34	84	143630	0.95	ppbv	98
34) 2-Butanone	5.41	43	421596	1.72	ppbv	98
35) Carbon Tetrachloride	7.22	117	16740m	0.06	ppbv	
36) Benzene	7.09	78	62540	0.17	ppbv	96
44) 2,2,4-Trimethylpentane	8.08	57	104000	0.16	ppbv #	24
50) 4-Methyl-2-Pentanone	8.97	43	765939	1.91	ppbv	99
52) Tetrachloroethene	11.47	164	22494m	0.17	ppbv	
53) Toluene	10.04	91	4097963	9.07	ppbv	98
58) Ethyl Benzene	12.96	91	555926	0.99	ppbv	90
59) m/p-Xylene	13.22	91	1290805	2.87	ppbv	96
60) o-Xylene	13.95	91	596847	1.33	ppbv	95
61) Styrene	13.79	104	161106	0.44	ppbv	94
72) 4-Ethyltoluene	16.09	105	120774m	0.21	ppbv	
73) 1,3,5-Trimethylbenzene	16.26	105	118757	0.22	ppbv	88
74) 1,2,4-Trimethylbenzene	17.02	105	374542m	0.68	ppbv	

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

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