

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070218\
 Data File : VL032183.D
 Acq On : 2 Jul 2018 15:50
 Operator : SY/AP
 Sample : J3601-11DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-2DUP

Manual Integrations
 APPROVED

MMDadoda
 7/3/2018 5:17:10 PM

Quant Time: Jul 03 15:14:49 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	1663993	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3795940	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3387047	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2639987	10.20	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	44329	0.20	ppbv	91
3) Chlorodifluoromethane	3.06	51	106034m	0.52	ppbv	
4) Chloromethane	3.23	50	46517	0.43	ppbv	96
9) Propene	3.10	41	59223m	0.62	ppbv	
10) Heptane	8.34	43	205886	0.75	ppbv	94
11) Trichlorofluoromethane	4.07	101	51889	0.22	ppbv	98
13) Ethanol	3.72	45	549332	19.12	ppbv	99
15) Acetone	3.96	43	1877756	9.65	ppbv #	86
19) Isopropyl Alcohol	4.10	45	324393m	2.01	ppbv	
20) Methylene Chloride	4.48	84	308074	4.33	ppbv	96
26) Hexane	5.86	57	734671	3.96	ppbv	98
27) Carbon Disulfide	4.70	76	38628m	0.21	ppbv	
30) Cyclohexane	7.34	84	145655	0.83	ppbv	99
34) 2-Butanone	5.41	43	529364	2.20	ppbv	97
35) Carbon Tetrachloride	7.23	117	17954	0.07	ppbv	93
36) Benzene	7.09	78	67037	0.18	ppbv #	93
44) 2,2,4-Trimethylpentane	8.09	57	99592	0.15	ppbv #	9
50) 4-Methyl-2-Pentanone	8.97	43	800035	2.03	ppbv	100
52) Tetrachloroethene	11.47	164	24279m	0.18	ppbv	
53) Toluene	10.04	91	4183684	9.42	ppbv	99
58) Ethyl Benzene	12.96	91	582200	1.07	ppbv	93
59) m/p-Xylene	13.22	91	1328229	3.04	ppbv	97
60) o-Xylene	13.94	91	605860m	1.39	ppbv	
61) Styrene	13.78	104	169176m	0.47	ppbv	
72) 4-Ethyltoluene	16.10	105	121427	0.22	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.26	105	124224	0.23	ppbv	88
74) 1,2,4-Trimethylbenzene	17.03	105	378596	0.71	ppbv #	74

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

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