

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071918\
 Data File : VL032297.D
 Acq On : 19 Jul 2018 20:56
 Operator : SY/AP
 Sample : J4063-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 STORAGE-RM-19-0717-02

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:06:20 PM

Quant Time: Jul 20 13:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 18
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1539545	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3221119	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	3640422	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	2927085	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	69978	0.27	ppbv	98
3) Chlorodifluoromethane	3.06	51	354437	2.05	ppbv	94
4) Chloromethane	3.22	50	50867	0.50	ppbv	89
9) Propene	3.10	41	41002	0.54	ppbv	84
11) Trichlorofluoromethane	4.06	101	53161m	0.26	ppbv	
13) Ethanol	3.75	45	375233	17.39	ppbv	97
15) Acetone	3.96	43	1647322	10.22	ppbv	95
19) Isopropyl Alcohol	4.13	45	159720	1.47	ppbv #	1
20) Methylene Chloride	4.47	84	502153	8.09	ppbv	97
26) Hexane	5.85	57	709021	4.40	ppbv #	46
34) 2-Butanone	5.40	43	155631	0.70	ppbv	96
35) Carbon Tetrachloride	7.22	117	15587m	0.07	ppbv	
36) Benzene	7.09	78	40250	0.13	ppbv	93
37) 1,2-Dichloroethane	6.49	62	75199	0.40	ppbv	96
41) Tetrahydrofuran	6.23	42	14085	0.11	ppbv #	90
44) 2,2,4-Trimethylpentane	8.07	57	64586m	0.12	ppbv	
53) Toluene	10.04	91	398874	1.04	ppbv	96
58) Ethyl Benzene	12.96	91	70694	0.14	ppbv	95
59) m/p-Xylene	13.21	91	156638	0.36	ppbv	100
60) o-Xylene	13.94	91	68812m	0.16	ppbv	
61) Styrene	13.78	104	36386m	0.11	ppbv	
73) 1,3,5-Trimethylbenzene	16.25	105	48547m	0.10	ppbv	
74) 1,2,4-Trimethylbenzene	17.02	105	134678	0.26	ppbv #	68
76) 1,4-Dichlorobenzene	17.39	146	84537	0.30	ppbv	94

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

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