

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082018\
 Data File : VL032416.D
 Acq On : 21 Aug 2018 9:35
 Operator : SY/AP
 Sample : J4576-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

MMDadoda
 8/22/2018 10:50:38 AM

Quant Time: Aug 22 05:11:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081518AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 1
 QLast Update : Wed Aug 15 14:58:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1789735	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.34	114	3318747	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.30	117	3282537	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.63	95	2538421	10.14	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	3.04	51	56853m	0.34	ppbv	
4) Chloromethane	3.21	50	51318	0.52	ppbv	90
9) Propene	3.08	41	41252	0.58	ppbv	92
11) Trichlorofluoromethane	4.04	101	52955	0.26	ppbv	90
13) Ethanol	3.69	45	134362	7.37	ppbv	99
15) Acetone	3.94	43	652667	3.84	ppbv	99
17) tert-Butyl alcohol	4.42	59	14330m	0.50	ppbv	
19) Isopropyl Alcohol	4.07	45	61901	0.54	ppbv #	1
20) Methylene Chloride	4.45	84	27777m	0.43	ppbv	
26) Hexane	5.83	57	34660	0.21	ppbv #	68
34) 2-Butanone	5.38	43	59568m	0.26	ppbv	
35) Carbon Tetrachloride	7.19	117	17983m	0.09	ppbv	
36) Benzene	7.05	78	68110	0.24	ppbv #	96
43) Methyl Methacrylate	8.19	69	23900m	0.21	ppbv	
44) 2,2,4-Trimethylpentane	8.04	57	49291	0.10	ppbv #	48
52) Tetrachloroethene	11.43	164	5348m	0.06	ppbv	
53) Toluene	10.00	91	145530	0.47	ppbv	97
59) m/p-Xylene	13.17	91	39616m	0.12	ppbv	

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

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