

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081618\
 Data File : VL032392.D
 Acq On : 17 Aug 2018 1:03
 Operator : SY/AP
 Sample : J4457-10DL 5X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG10-MIVIDL

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 3:11:56 PM

Quant Time: Aug 20 10:13:36 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	5.81	49	1801269	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3471718	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.30	117	3479061	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.64	95	2703960	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.07	41	55197m	0.77	ppbv	
13) Ethanol	3.69	45	79518m	4.34	ppbv	
15) Acetone	3.95	43	1187334	6.94	ppbv	98
17) tert-Butyl alcohol	4.41	59	63304	2.20	ppbv #	92
19) Isopropyl Alcohol	4.07	45	169558	1.47	ppbv #	95
20) Methylene Chloride	4.46	84	90201	1.40	ppbv	96
26) Hexane	5.83	57	40236	0.25	ppbv #	70
27) Carbon Disulfide	4.67	76	20461m	0.13	ppbv	
34) 2-Butanone	5.39	43	146443	0.62	ppbv	100
36) Benzene	7.06	78	59495	0.20	ppbv	100
53) Toluene	10.01	91	449458	1.39	ppbv	99
58) Ethyl Benzene	12.93	91	51441	0.12	ppbv #	79
59) m/p-Xylene	13.19	91	151150m	0.43	ppbv	
60) o-Xylene	13.91	91	58563m	0.17	ppbv	
61) Styrene	13.76	104	28722m	0.12	ppbv	
74) 1,2,4-Trimethylbenzene	17.00	105	66853	0.17	ppbv #	69

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

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