

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032279.D
 Acq On : 19 Jul 2018 3:08
 Operator : SY/AP
 Sample : J3454-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 B-9

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 2:53:25 PM

Quant Time: Jul 19 04:42:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	1707028	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3311337	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4004084	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.67	95	3168488	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.13	85	142381	0.49	ppbv	97
3) Chlorodifluoromethane	3.06	51	90275m	0.47	ppbv	
4) Chloromethane	3.22	50	63631	0.56	ppbv	98
10) Heptane	8.33	43	26875m	0.10	ppbv	
11) Trichlorofluoromethane	4.07	101	54630m	0.24	ppbv	
13) Ethanol	3.71	45	1797819	75.16	ppbv	98
15) Acetone	3.96	43	1550898	8.68	ppbv	96
17) tert-Butyl alcohol	4.45	59	15322m	0.27	ppbv	
19) Isopropyl Alcohol	4.10	45	360698	2.98	ppbv #	1
20) Methylene Chloride	4.47	84	85703	1.25	ppbv	91
26) Hexane	5.86	57	198580	1.11	ppbv #	59
34) 2-Butanone	5.41	43	148752	0.65	ppbv	97
35) Carbon Tetrachloride	7.22	117	16056m	0.07	ppbv	
53) Toluene	10.03	91	101193	0.26	ppbv	98
59) m/p-Xylene	13.21	91	87340m	0.18	ppbv	

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

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