

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111418\
 Data File : VL032755.D
 Acq On : 14 Nov 2018 12:25
 Operator : SY/AP
 Sample : J5891-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IASC1DUP

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 1:29:53 PM

Quant Time: Nov 15 05:57:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 2018
 QLast Update : Wed Nov 14 07:00:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1391906	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3447922	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3274050	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2421708	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	108146	0.541	ppbv	98
3) Chlorodifluoromethane	3.02	51	107226m	0.972	ppbv	
4) Chloromethane	3.18	50	33539	0.548	ppbv #	81
9) Propene	3.05	41	114997m	2.604	ppbv	
10) Heptane	8.25	43	90437	0.536	ppbv	98
11) Trichlorofluoromethane	4.01	101	42768	0.227	ppbv	92
13) Ethanol	3.66	45	1579148	109.175	ppbv	99
15) Acetone	3.91	43	775557	6.101	ppbv	97
19) Isopropyl Alcohol	4.04	45	209469	2.474	ppbv #	1
20) Methylene Chloride	4.41	84	323427	4.915	ppbv	95
26) Hexane	5.79	57	541089	4.103	ppbv #	45
30) Cyclohexane	7.25	84	27954m	0.242	ppbv	
34) 2-Butanone	5.34	43	112063	0.627	ppbv	97
35) Carbon Tetrachloride	7.14	117	21189m	0.076	ppbv	
36) Benzene	7.01	78	131908	0.480	ppbv	99
41) Tetrahydrofuran	6.16	42	19335m	0.188	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	416874	0.909	ppbv #	86
52) Tetrachloroethene	11.37	164	4405m	0.046	ppbv	
53) Toluene	9.95	91	3369624	11.764	ppbv	100
58) Ethyl Benzene	12.87	91	223289	0.567	ppbv	94
59) m/p-Xylene	13.13	91	728245m	2.076	ppbv	
60) o-Xylene	13.85	91	285426	0.809	ppbv	100
64) n-propylbenzene	15.72	120	29545m	0.236	ppbv	
72) 4-Ethyltoluene	16.00	105	150303	0.389	ppbv	97
73) 1,3,5-Trimethylbenzene	16.16	105	145841m	0.386	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	460015m	1.137	ppbv	
79) Naphthalene	22.43	128	47007m	0.177	ppbv	

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

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