

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032890.D
 Acq On : 5 Dec 2018 00:01
 Operator : SY/AP
 Sample : J6176-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-07

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:15 PM

Quant Time: Dec 05 15:35:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 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	5.77	49	1345588	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3518428	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3696193	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2695805	9.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.08	85	61208	0.316 ppbv	98
3) Chlorodifluoromethane	3.02	51	472452	4.429 ppbv	95
9) Propene	3.04	41	5470480	128.141 ppbv	97
10) Heptane	8.25	43	467636	2.869 ppbv	98
11) Trichlorofluoromethane	4.01	101	122335	0.671 ppbv	97
13) Ethanol	3.66	45	694879	49.694 ppbv	99
15) Acetone	3.90	43	3150536m	25.639 ppbv	
17) tert-Butyl alcohol	4.37	59	254748	6.610 ppbv #	93
20) Methylene Chloride	4.42	84	285884	4.494 ppbv	95
26) Hexane	5.79	57	2039567	15.998 ppbv #	44
27) Carbon Disulfide	4.62	76	868135	5.370 ppbv	99
29) Chloroform	5.86	83	218144	0.960 ppbv	93
30) Cyclohexane	7.25	84	353910	3.174 ppbv	85
34) 2-Butanone	5.33	43	2851812	15.627 ppbv	100
35) Carbon Tetrachloride	7.14	117	13892m	0.049 ppbv	
36) Benzene	7.01	78	3361333	11.997 ppbv	98
41) Tetrahydrofuran	6.15	42	1481497	14.153 ppbv	98
44) 2,2,4-Trimethylpentane	8.00	57	1856842	3.966 ppbv #	82
51) 2-Hexanone	10.28	43	307214	1.673 ppbv #	92
52) Tetrachloroethene	11.38	164	14785m	0.152 ppbv	
53) Toluene	9.95	91	3634297	12.434 ppbv	99
58) Ethyl Benzene	12.87	91	700744	1.575 ppbv	100
59) m/p-Xylene	13.12	91	797144	2.013 ppbv	97
60) o-Xylene	13.85	91	326386	0.820 ppbv	97
61) Styrene	13.69	104	86465	0.334 ppbv	96
69) p-Isopropyltoluene	17.82	119	62760	0.114 ppbv #	87
72) 4-Ethyltoluene	16.00	105	69723m	0.160 ppbv	
73) 1,3,5-Trimethylbenzene	16.16	105	66825m	0.157 ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	157097	0.344 ppbv #	70

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

