

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120418\
 Data File : VL032892.D
 Acq On : 5 Dec 2018 1:19
 Operator : SY/AP
 Sample : J6176-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MMSV-05

Manual Integrations
 APPROVED

MMDadoda
 12/10/2018 1:01:25 PM

Quant Time: Dec 05 15:46:52 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	5.78	49	1341620	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.32	114	3636963	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.25	117	3690410	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2814669	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	35698	0.185	ppbv	97
3) Chlorodifluoromethane	3.02	51	64337	0.605	ppbv	95
4) Chloromethane	3.17	50	37167	0.630	ppbv	96
9) Propene	3.03	41	5620771	132.051	ppbv	99
10) Heptane	8.27	43	1669274	10.272	ppbv	99
11) Trichlorofluoromethane	4.01	101	38536	0.212	ppbv	97
13) Ethanol	3.66	45	591864	42.452	ppbv	99
15) Acetone	3.90	43	6721612m	54.861	ppbv	
20) Methylene Chloride	4.43	84	89707	1.414	ppbv #	87
26) Hexane	5.80	57	2020981	15.899	ppbv #	40
27) Carbon Disulfide	4.62	76	35617793m	220.974	ppbv	
30) Cyclohexane	7.27	84	1041148	9.365	ppbv	87
34) 2-Butanone	5.34	43	5497092	29.141	ppbv	98
35) Carbon Tetrachloride	7.16	117	20565m	0.070	ppbv	
36) Benzene	7.02	78	34031549m	117.505	ppbv	
38) Trichloroethene	7.98	130	24580m	0.210	ppbv	
41) Tetrahydrofuran	6.17	42	1540164	14.234	ppbv	100
44) 2,2,4-Trimethylpentane	8.01	57	3121364	6.449	ppbv #	81
50) 4-Methyl-2-Pentanone	8.89	43	225573	0.766	ppbv	99
52) Tetrachloroethene	11.40	164	31164m	0.309	ppbv	
53) Toluene	9.96	91	33995582m	112.516	ppbv	
58) Ethyl Benzene	12.88	91	16952311	38.169	ppbv #	83
59) m/p-Xylene	13.14	91	28490267	72.059	ppbv #	82
60) o-Xylene	13.87	91	16922980	42.569	ppbv	89
61) Styrene	13.70	104	705734	2.727	ppbv	96
62) Isopropylbenzene	14.84	105	2436595	4.534	ppbv	99
67) sec-Butylbenzene	17.47	105	196041	0.282	ppbv	99
69) p-Isopropyltoluene	17.83	119	459138	0.832	ppbv	97
72) 4-Ethyltoluene	16.01	105	1350918	3.100	ppbv	98
73) 1,3,5-Trimethylbenzene	16.17	105	3034694	7.123	ppbv	100
74) 1,2,4-Trimethylbenzene	16.93	105	2217597	4.864	ppbv #	70

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

