

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035889.D
 Acq On : 6 Nov 2020 10:43
 Operator : SY/AP
 Sample : L4618-04 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:48:35 AM

Quant Time: Nov 06 23:57:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	956993	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3546813	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3471343	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2550125	10.34	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	31336	0.174	ppbv	96
3) Chlorodifluoromethane	2.97	51	21436	0.187	ppbv	95
4) Chloromethane	3.12	50	14985	0.269	ppbv	89
5) Vinyl Chloride	3.24	62	2214	0.031	ppbv	96
9) Propene	3.00	41	43296	1.032	ppbv	98
10) Heptane	8.11	43	14012m	0.121	ppbv	
11) Trichlorofluoromethane	3.93	101	28747	0.127	ppbv #	81
13) Ethanol	3.60	45	54517	5.991	ppbv	97
15) Acetone	3.83	43	14369506	140.449	ppbv #	77
17) tert-Butyl alcohol	4.29	59	89690	0.661	ppbv #	89
20) Methylene Chloride	4.33	84	130494	1.812	ppbv	96
26) Hexane	5.66	57	58687	0.528	ppbv #	45
29) Chloroform	5.74	83	28035	0.128	ppbv	93
30) Cyclohexane	7.11	84	36730m	0.303	ppbv	
34) 2-Butanone	5.23	43	42802	0.372	ppbv	97
35) Carbon Tetrachloride	7.00	117	6187	0.033	ppbv #	92
36) Benzene	6.88	78	148401	0.563	ppbv	92
44) 2,2,4-Trimethylpentane	7.85	57	45389	0.130	ppbv #	70
50) 4-Methyl-2-Pentanone	8.74	43	17800m	0.101	ppbv	
52) Tetrachloroethene	11.20	164	7728m	0.062	ppbv	
53) Toluene	9.79	91	12533274	39.392	ppbv	86
58) Ethyl Benzene	12.69	91	108251	0.256	ppbv	92
59) m/p-Xylene	12.95	91	201747	0.564	ppbv	99
60) o-Xylene	13.67	91	74033	0.213	ppbv	99
62) Isopropylbenzene	14.65	105	1641739	3.002	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	51553	0.125	ppbv #	63

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

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