

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035905.D
 Acq On : 11 Nov 2020 9:12
 Operator : SY/AP
 Sample : L4618-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-1

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 9:03:24 AM

Quant Time: Nov 11 16:56:17 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	5.67	49	1088728	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3909987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3878982	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2919469	10.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	41623	0.203	ppbv	98
3) Chlorodifluoromethane	2.98	51	44190	0.339	ppbv	91
4) Chloromethane	3.13	50	30889	0.488	ppbv	97
5) Vinyl Chloride	3.25	62	4392	0.054	ppbv	97
9) Propene	3.00	41	84866	1.778	ppbv	98
10) Heptane	8.12	43	30870	0.234	ppbv	99
11) Trichlorofluoromethane	3.94	101	61774	0.240	ppbv	91
13) Ethanol	3.61	45	177699	17.165	ppbv	94
15) Acetone	3.84	43	20656153	177.466	ppbv #	66
17) tert-Butyl alcohol	4.30	59	244057	1.582	ppbv	96
20) Methylene Chloride	4.35	84	276351	3.373	ppbv	97
26) Hexane	5.68	57	266273	2.106	ppbv #	46
29) Chloroform	5.76	83	55487	0.223	ppbv	95
30) Cyclohexane	7.12	84	39422	0.286	ppbv #	86
34) 2-Butanone	5.25	43	81549	0.643	ppbv	99
35) Carbon Tetrachloride	7.02	117	13224m	0.063	ppbv	
36) Benzene	6.90	78	298560	1.027	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	103222	0.268	ppbv #	70
52) Tetrachloroethene	11.22	164	14168m	0.103	ppbv	
53) Toluene	9.81	91	17118915	48.807	ppbv #	78
58) Ethyl Benzene	12.71	91	219985	0.466	ppbv	88
59) m/p-Xylene	12.97	91	399725	1.000	ppbv	100
60) o-Xylene	13.69	91	151953	0.391	ppbv	94
61) Styrene	13.53	104	36447	0.128	ppbv #	93
62) Isopropylbenzene	14.67	105	3201196	5.238	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	120638m	0.261	ppbv	

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

