

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035932.D
 Acq On : 13 Nov 2020 3:15
 Operator : SY/AP
 Sample : L4721-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-5

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:31:31 PM

Quant Time: Nov 13 04:03:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 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	5.66	49	1082256	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3863829	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3524160	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2647635	10.57	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	45360	0.223	ppbv	98
3) Chlorodifluoromethane	2.98	51	73808m	0.569	ppbv	
4) Chloromethane	3.13	50	35259	0.560	ppbv	97
9) Propene	3.01	41	71129m	1.499	ppbv	
10) Heptane	8.12	43	17262m	0.132	ppbv	
11) Trichlorofluoromethane	3.94	101	67341	0.263	ppbv	93
13) Ethanol	3.63	45	15460082	1502.281	ppbv	99
15) Acetone	3.84	43	1590223	13.744	ppbv	96
17) tert-Butyl alcohol	4.33	59	112989m	0.737	ppbv	
19) Isopropyl Alcohol	4.00	45	6335119	89.098	ppbv #	97
20) Methylene Chloride	4.34	84	567174	6.963	ppbv	99
26) Hexane	5.68	57	531660	4.229	ppbv #	48
29) Chloroform	5.75	83	43613	0.177	ppbv #	82
30) Cyclohexane	7.16	84	34901m	0.255	ppbv	
34) 2-Butanone	5.24	43	62760	0.500	ppbv	97
35) Carbon Tetrachloride	7.01	117	12495	0.061	ppbv	94
36) Benzene	6.89	78	103357m	0.360	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	91912m	0.242	ppbv	
52) Tetrachloroethene	11.22	164	5576m	0.041	ppbv	
53) Toluene	9.81	91	901811	2.602	ppbv	97
59) m/p-Xylene	12.97	91	117235m	0.323	ppbv	
60) o-Xylene	13.69	91	48737	0.138	ppbv	91
74) 1,2,4-Trimethylbenzene	16.77	105	59614	0.142	ppbv #	65

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

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