

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022720\
 Data File : VL034726.D
 Acq On : 28 Feb 2020 2:36
 Operator : SY/AP
 Sample : L1661-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-4-STORAGE-ROOM-NEXT-TO-C

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 12:33:41 PM

Quant Time: Feb 28 12:32:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Feb 28 2020
 QLast Update : Fri Feb 28 01:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1120578	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2318763	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2321183	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1932291	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	103815	0.587	ppbv	89
9) Propene	2.98	41	49667m	0.983	ppbv	
10) Heptane	8.14	43	37702	0.290	ppbv	95
11) Trichlorofluoromethane	3.93	101	39426	0.255	ppbv	85
13) Ethanol	3.59	45	1839193	115.171	ppbv	97
15) Acetone	3.83	43	1659093	12.993	ppbv	99
17) tert-Butyl alcohol	4.29	59	318548	3.256	ppbv	99
19) Isopropyl Alcohol	3.96	45	2767725	36.390	ppbv #	98
20) Methylene Chloride	4.33	84	162415	3.420	ppbv	95
22) trans-1,2-Dichloroethene	4.87	96	7378m	0.154	ppbv	
26) Hexane	5.69	57	122251	1.173	ppbv #	57
29) Chloroform	5.75	83	68542	0.413	ppbv	92
30) Cyclohexane	7.14	84	16589m	0.205	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	115064	1.122	ppbv	88
32) 1,1,1-Trichloroethane	6.52	97	9627m	0.062	ppbv	
34) 2-Butanone	5.24	43	270337	1.852	ppbv	99
35) Carbon Tetrachloride	7.02	117	12216m	0.079	ppbv	
36) Benzene	6.90	78	57624	0.288	ppbv #	85
38) Trichloroethene	7.85	130	571573	7.404	ppbv	98
41) Tetrahydrofuran	6.06	42	141835	1.841	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	137328	0.392	ppbv #	79
50) 4-Methyl-2-Pentanone	8.77	43	83402m	0.403	ppbv	
52) Tetrachloroethene	11.25	164	14617m	0.199	ppbv	
53) Toluene	9.83	91	748491	3.514	ppbv	99
58) Ethyl Benzene	12.74	91	165277	0.589	ppbv	90
59) m/p-Xylene	13.00	91	506750	2.069	ppbv	99
60) o-Xylene	13.73	91	212538	0.874	ppbv	95
64) n-propylbenzene	15.60	120	12975m	0.142	ppbv	
69) p-Isopropyltoluene	17.70	119	386745	1.066	ppbv	97
72) 4-Ethyltoluene	15.88	105	68954m	0.255	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	65855	0.253	ppbv #	73
74) 1,2,4-Trimethylbenzene	16.81	105	279597	0.973	ppbv #	67

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

