

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034747.D
 Acq On : 28 Feb 2020 21:48
 Operator : SY/AP
 Sample : L1661-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-7-TEACHER-WORKROOM

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:01:40 PM

Quant Time: Mar 02 12:18:19 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	1023749	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2102788	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2166381	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1795582	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	26671m	0.165	ppbv	
7) Chloroethane	3.53	64	7561	0.336	ppbv #	78
9) Propene	2.98	41	43347m	0.939	ppbv	
10) Heptane	8.14	43	39582m	0.333	ppbv	
11) Trichlorofluoromethane	3.93	101	63440	0.448	ppbv	97
13) Ethanol	3.59	45	2386793	163.598	ppbv	98
15) Acetone	3.82	43	2256953	19.347	ppbv	99
17) tert-Butyl alcohol	4.29	59	504054	5.639	ppbv	99
19) Isopropyl Alcohol	3.96	45	4242610	61.057	ppbv #	98
20) Methylene Chloride	4.32	84	26091	0.601	ppbv #	85
22) trans-1,2-Dichloroethene	4.87	96	8171	0.187	ppbv #	73
26) Hexane	5.69	57	49904	0.524	ppbv #	89
27) Carbon Disulfide	4.53	76	24996	0.231	ppbv #	70
29) Chloroform	5.75	83	125849	0.830	ppbv	93
30) Cyclohexane	7.14	84	16437m	0.223	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	148858	1.589	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	16340m	0.115	ppbv	
34) 2-Butanone	5.24	43	386775	2.922	ppbv	97
35) Carbon Tetrachloride	7.02	117	13312m	0.095	ppbv	
36) Benzene	6.90	78	59949	0.330	ppbv #	93
38) Trichloroethene	7.85	130	961391	13.733	ppbv	99
41) Tetrahydrofuran	6.06	42	200408	2.869	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	154821	0.488	ppbv #	78
50) 4-Methyl-2-Pentanone	8.76	43	132169m	0.705	ppbv	
52) Tetrachloroethene	11.25	164	15433m	0.232	ppbv	
53) Toluene	9.83	91	781427	4.045	ppbv	99
58) Ethyl Benzene	12.74	91	212400	0.810	ppbv	92
59) m/p-Xylene	13.00	91	664765	2.908	ppbv	99
60) o-Xylene	13.72	91	269144	1.186	ppbv	98
61) Styrene	13.56	104	22552m	0.155	ppbv	
64) n-propylbenzene	15.60	120	18077m	0.212	ppbv	
69) p-Isopropyltoluene	17.70	119	516970	1.527	ppbv	94
72) 4-Ethyltoluene	15.88	105	92485	0.366	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.05	105	87546m	0.360	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	360330	1.343	ppbv #	66
79) Naphthalene	22.26	128	77686m	0.329	ppbv	

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

