

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022820\
 Data File : VL034749.D
 Acq On : 28 Feb 2020 23:09
 Operator : SY/AP
 Sample : L1661-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-8-COUNCELOR-ROOM

Manual Integrations
 APPROVED

MMDadoda
 3/2/2020 1:02:08 PM

Quant Time: Mar 02 12:20:25 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	1054555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2168512	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2216694	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1856013	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	21957	0.132	ppbv	99
4) Chloromethane	3.11	50	18577	0.292	ppbv	97
9) Propene	2.98	41	34865m	0.733	ppbv	
10) Heptane	8.13	43	30782m	0.251	ppbv	
11) Trichlorofluoromethane	3.92	101	39948	0.274	ppbv	92
13) Ethanol	3.59	45	2082021	138.539	ppbv	97
15) Acetone	3.82	43	2243083	18.666	ppbv	99
17) tert-Butyl alcohol	4.29	59	342022	3.714	ppbv	100
19) Isopropyl Alcohol	3.96	45	3799135	53.078	ppbv #	98
20) Methylene Chloride	4.32	84	30207	0.676	ppbv #	95
22) trans-1,2-Dichloroethene	4.87	96	3725	0.083	ppbv #	79
26) Hexane	5.68	57	44029	0.449	ppbv #	75
27) Carbon Disulfide	4.54	76	15475m	0.139	ppbv	
29) Chloroform	5.75	83	74383	0.476	ppbv	87
30) Cyclohexane	7.14	84	11038m	0.145	ppbv	
31) cis-1,2-Dichloroethene	5.54	61	71767	0.744	ppbv	91
34) 2-Butanone	5.24	43	256150	1.877	ppbv	98
35) Carbon Tetrachloride	7.02	117	9874	0.068	ppbv	93
36) Benzene	6.90	78	50074m	0.267	ppbv	
38) Trichloroethene	7.85	130	886366	12.278	ppbv	98
41) Tetrahydrofuran	6.05	42	131535	1.826	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	113868	0.348	ppbv #	76
50) 4-Methyl-2-Pentanone	8.76	43	91897	0.475	ppbv	98
52) Tetrachloroethene	11.24	164	19996m	0.291	ppbv	
53) Toluene	9.83	91	627154	3.148	ppbv	99
58) Ethyl Benzene	12.74	91	187023m	0.697	ppbv	
59) m/p-Xylene	13.00	91	561768	2.402	ppbv	99
60) o-Xylene	13.72	91	232445	1.001	ppbv	95
61) Styrene	13.56	104	16955m	0.114	ppbv	
64) n-propylbenzene	15.60	120	14564m	0.167	ppbv	
69) p-Isopropyltoluene	17.70	119	460661	1.330	ppbv	97
72) 4-Ethyltoluene	15.88	105	72113	0.279	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.04	105	66739	0.269	ppbv	90
74) 1,2,4-Trimethylbenzene	16.81	105	311520	1.135	ppbv #	62
76) 1,4-Dichlorobenzene	17.18	146	21272m	0.134	ppbv	
79) Naphthalene	22.27	128	58052m	0.240	ppbv	

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

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