

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035609.D
 Acq On : 14 Sep 2020 21:39
 Operator : SY/AP
 Sample : L3983-04 20X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-12

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:40:37 PM

Quant Time: Sep 15 07:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	997504	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4280908	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4315377	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3258640	10.63	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.13	50	7747m	0.131	ppbv	
9) Propene	3.00	41	498701	11.726	ppbv	94
10) Heptane	8.12	43	37155	0.325	ppbv	100
13) Ethanol	3.59	45	47186m	4.475	ppbv	
15) Acetone	3.84	43	2615010	23.770	ppbv	95
17) tert-Butyl alcohol	4.29	59	114345	0.854	ppbv	98
19) Isopropyl Alcohol	3.96	45	35095	0.535	ppbv #	93
20) Methylene Chloride	4.33	84	41688	0.509	ppbv	92
26) Hexane	5.67	57	64645	0.587	ppbv #	51
27) Carbon Disulfide	4.54	76	50809	0.322	ppbv	98
30) Cyclohexane	7.12	84	15504	0.131	ppbv #	20
34) 2-Butanone	5.24	43	323071	2.543	ppbv	99
36) Benzene	6.88	78	94227	0.340	ppbv #	94
38) Trichloroethene	7.83	130	58890	0.366	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	1709616	9.293	ppbv	100
51) 2-Hexanone	10.14	43	102608	0.680	ppbv #	100
52) Tetrachloroethene	11.23	164	7975691m	49.267	ppbv	
53) Toluene	9.81	91	590573	1.695	ppbv	98
58) Ethyl Benzene	12.71	91	221759	0.498	ppbv	93
59) m/p-Xylene	12.97	91	793113	2.133	ppbv	96
60) o-Xylene	13.70	91	265787	0.710	ppbv	96
64) n-propylbenzene	15.57	120	35290m	0.192	ppbv	
72) 4-Ethyltoluene	15.84	105	194601	0.409	ppbv	95
73) 1,3,5-Trimethylbenzene	16.00	105	90676	0.206	ppbv	92
74) 1,2,4-Trimethylbenzene	16.77	105	428009	0.885	ppbv #	71

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

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