

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035761.D
 Acq On : 12 Oct 2020 14:38
 Operator : SY/AP
 Sample : L4347-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:11:31 PM

Quant Time: Oct 13 23:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1089184	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4395146	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4263677	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3212676	10.06	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	59349m	0.332	ppbv	
3) Chlorodifluoromethane	2.98	51	64354m	0.549	ppbv	
4) Chloromethane	3.13	50	34063	0.541	ppbv	96
9) Propene	3.01	41	68594	1.612	ppbv #	72
10) Heptane	8.12	43	61452	0.518	ppbv	94
11) Trichlorofluoromethane	3.94	101	65409	0.257	ppbv	93
13) Ethanol	3.59	45	1696052	161.655	ppbv	98
15) Acetone	3.83	43	3196571m	27.275	ppbv	
17) tert-Butyl alcohol	4.30	59	28946	0.227	ppbv #	72
19) Isopropyl Alcohol	3.96	45	736181	11.547	ppbv #	1
20) Methylene Chloride	4.33	84	300102	3.486	ppbv	96
26) Hexane	5.68	57	177641	1.537	ppbv #	51
30) Cyclohexane	7.13	84	13748	0.121	ppbv #	21
34) 2-Butanone	5.24	43	155757	1.071	ppbv	98
35) Carbon Tetrachloride	7.01	117	16510m	0.072	ppbv	
36) Benzene	6.89	78	65227	0.228	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	111061	0.270	ppbv #	89
52) Tetrachloroethene	11.23	164	13989	0.102	ppbv	94
53) Toluene	9.81	91	4190545	12.409	ppbv	100
58) Ethyl Benzene	12.72	91	146365	0.342	ppbv	92
59) m/p-Xylene	12.97	91	312936	0.837	ppbv	98
60) o-Xylene	13.70	91	131525m	0.348	ppbv	
61) Styrene	13.54	104	100264	0.384	ppbv	98
62) Isopropylbenzene	14.67	105	76758m	0.131	ppbv	
69) p-Isopropyltoluene	17.67	119	72562m	0.121	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	99743	0.209	ppbv #	72

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

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