

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100820\
 Data File : VL035748.D
 Acq On : 8 Oct 2020 16:56
 Operator : SY/AP
 Sample : L4312-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

apatel
 10/12/2020 10:29:53 AM

Quant Time: Oct 09 23:17:40 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 2

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	5.67	49	1052985	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	4191387	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	4259005	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3203965	10.04	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	63069	0.365	ppbv	99
3) Chlorodifluoromethane	2.98	51	37280m	0.329	ppbv	
4) Chloromethane	3.13	50	31373	0.516	ppbv	98
9) Propene	3.01	41	111891	2.720	ppbv	87
10) Heptane	8.13	43	136038	1.186	ppbv	95
11) Trichlorofluoromethane	3.95	101	68746	0.279	ppbv	92
13) Ethanol	3.60	45	407534	40.178	ppbv	99
15) Acetone	3.84	43	1624629m	14.339	ppbv	
19) Isopropyl Alcohol	3.97	45	86267	1.400	ppbv #	1
20) Methylene Chloride	4.34	84	148656	1.786	ppbv	95
26) Hexane	5.69	57	305009	2.730	ppbv #	61
30) Cyclohexane	7.14	84	99634	0.904	ppbv	100
34) 2-Butanone	5.25	43	350800	2.530	ppbv	99
35) Carbon Tetrachloride	7.02	117	16653	0.076	ppbv #	91
36) Benzene	6.89	78	302977	1.109	ppbv #	92
44) 2,2,4-Trimethylpentane	7.87	57	529075	1.350	ppbv #	89
52) Tetrachloroethene	11.24	164	4378m	0.033	ppbv	
53) Toluene	9.82	91	1833122	5.692	ppbv	98
58) Ethyl Benzene	12.72	91	346776	0.811	ppbv	93
59) m/p-Xylene	12.98	91	1068140	2.861	ppbv	99
60) o-Xylene	13.71	91	395638	1.048	ppbv	97
64) n-propylbenzene	15.58	120	28984m	0.169	ppbv	
65) tert-Butylbenzene	16.78	119	64725	0.122	ppbv #	75
72) 4-Ethyltoluene	15.86	105	152999	0.342	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	131950	0.312	ppbv	91
74) 1,2,4-Trimethylbenzene	16.78	105	539303	1.132	ppbv #	71

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

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