

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\
 Data File : VL035647.D
 Acq On : 17 Sep 2020 3:35
 Operator : SY/AP
 Sample : L4016-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-14

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:53:02 PM

Quant Time: Sep 17 12:05:00 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 15:19:50 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	5.67	49	1271754	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	5013472	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	5002797	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3793715	10.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	15329m	0.070	ppbv	
3) Chlorodifluoromethane	2.98	51	15065	0.107	ppbv #	90
4) Chloromethane	3.13	50	8320	0.110	ppbv	90
9) Propene	3.01	41	185633	3.423	ppbv	89
10) Heptane	8.13	43	53765	0.369	ppbv #	18
13) Ethanol	3.60	45	37337	2.777	ppbv	99
15) Acetone	3.84	43	8104662	57.782	ppbv #	77
17) tert-Butyl alcohol	4.29	59	118646	0.695	ppbv	97
19) Isopropyl Alcohol	3.97	45	46416	0.555	ppbv #	93
20) Methylene Chloride	4.34	84	64626	0.619	ppbv	95
27) Carbon Disulfide	4.55	76	206941	1.027	ppbv	98
29) Chloroform	5.76	83	829530	2.900	ppbv	98
30) Cyclohexane	7.13	84	568608	3.781	ppbv	89
31) cis-1,2-Dichloroethene	5.56	61	42364m	0.294	ppbv	
34) 2-Butanone	5.24	43	1009677	6.786	ppbv	98
36) Benzene	6.90	78	117168	0.361	ppbv	96
38) Trichloroethene	7.84	130	806333	4.277	ppbv	94
44) 2,2,4-Trimethylpentane	7.89	57	17437526	40.837	ppbv #	63
52) Tetrachloroethene	11.24	164	9710401m	51.218	ppbv	
53) Toluene	9.82	91	930182m	2.279	ppbv	
58) Ethyl Benzene	12.73	91	253563	0.492	ppbv	89
59) m/p-Xylene	12.98	91	749154	1.738	ppbv	96
60) o-Xylene	13.71	91	287247	0.662	ppbv	95
72) 4-Ethyltoluene	15.86	105	113147	0.205	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.01	105	71683	0.140	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.78	105	275920	0.492	ppbv #	71

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

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