

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035873.D
 Acq On : 5 Nov 2020 23:44
 Operator : SY/AP
 Sample : L4618-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:47:41 AM

Quant Time: Nov 06 01:49:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1056033	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3875579	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3751898	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2772871	10.40	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	52167	0.262	ppbv	97
3) Chlorodifluoromethane	2.97	51	39303	0.311	ppbv	96
4) Chloromethane	3.12	50	31301	0.509	ppbv	97
9) Propene	3.00	41	1820274m	39.326	ppbv	
10) Heptane	8.10	43	208470	1.631	ppbv	97
11) Trichlorofluoromethane	3.92	101	56162	0.225	ppbv	94
13) Ethanol	3.59	45	99591	9.918	ppbv	100
15) Acetone	3.83	43	24466147	216.707	ppbv #	61
17) tert-Butyl alcohol	4.29	59	20776	0.139	ppbv #	72
20) Methylene Chloride	4.34	84	126352	1.590	ppbv	96
26) Hexane	5.66	57	106100	0.865	ppbv #	44
29) Chloroform	5.74	83	155062	0.643	ppbv	100
30) Cyclohexane	7.11	84	24314m	0.182	ppbv	
34) 2-Butanone	5.24	43	27868	0.222	ppbv	98
35) Carbon Tetrachloride	7.01	117	12514m	0.060	ppbv	
36) Benzene	6.88	78	127304m	0.442	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	184099	0.483	ppbv #	79
50) 4-Methyl-2-Pentanone	8.73	43	58179	0.302	ppbv	94
52) Tetrachloroethene	11.20	164	110550	0.810	ppbv	97
53) Toluene	9.79	91	15509212	44.610	ppbv #	80
58) Ethyl Benzene	12.69	91	1203203	2.633	ppbv	93
59) m/p-Xylene	12.94	91	4060453	10.503	ppbv	98
60) o-Xylene	13.67	91	1213537	3.227	ppbv	97
61) Styrene	13.51	104	36543	0.133	ppbv	93
64) n-propylbenzene	15.54	120	25850	0.151	ppbv	72
72) 4-Ethyltoluene	15.82	105	148585	0.326	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.98	105	129966	0.311	ppbv	100
74) 1,2,4-Trimethylbenzene	16.74	105	423506	0.947	ppbv #	69

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

