

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035559.D
 Acq On : 8 Sep 2020 16:48
 Operator : SY/AP
 Sample : L3936-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 02-WH

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 10:45:24 AM

Quant Time: Sep 09 08:59:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1014468	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4300053	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4302145	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3232898	10.58	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	53448	0.304	ppbv	90
3) Chlorodifluoromethane	2.98	51	44773m	0.399	ppbv	
4) Chloromethane	3.13	50	31521	0.524	ppbv	100
9) Propene	3.01	41	1909539m	44.147	ppbv	
10) Heptane	8.13	43	61541	0.530	ppbv	99
11) Trichlorofluoromethane	3.94	101	65355	0.255	ppbv	99
13) Ethanol	3.60	45	693719	64.685	ppbv	97
15) Acetone	3.84	43	1960112	17.519	ppbv	99
19) Isopropyl Alcohol	3.97	45	209036	3.132	ppbv #	1
20) Methylene Chloride	4.34	84	422572	5.071	ppbv	97
26) Hexane	5.68	57	209545	1.871	ppbv #	55
27) Carbon Disulfide	4.55	76	57532	0.358	ppbv #	90
30) Cyclohexane	7.13	84	21633	0.180	ppbv #	31
34) 2-Butanone	5.24	43	167243	1.311	ppbv	99
35) Carbon Tetrachloride	7.01	117	15019	0.069	ppbv #	84
36) Benzene	6.89	78	141500	0.508	ppbv	99
44) 2,2,4-Trimethylpentane	7.87	57	297697	0.813	ppbv	91
50) 4-Methyl-2-Pentanone	8.76	43	69569m	0.376	ppbv	
52) Tetrachloroethene	11.23	164	12723	0.078	ppbv	90
53) Toluene	9.81	91	5077598	14.506	ppbv	97
58) Ethyl Benzene	12.72	91	264472	0.596	ppbv	93
59) m/p-Xylene	12.97	91	868874	2.344	ppbv	96
60) o-Xylene	13.70	91	282481	0.757	ppbv	97
61) Styrene	13.54	104	74686m	0.262	ppbv	
64) n-propylbenzene	15.57	120	19916m	0.109	ppbv	
65) tert-Butylbenzene	16.78	119	54931	0.099	ppbv #	70
72) 4-Ethyltoluene	15.85	105	119583	0.252	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.01	105	117284	0.267	ppbv	94
74) 1,2,4-Trimethylbenzene	16.78	105	450716	0.935	ppbv #	72
79) Naphthalene	22.22	128	54866	0.103	ppbv #	93

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

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