

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035621.D
 Acq On : 15 Sep 2020 5:14
 Operator : SY/AP
 Sample : L3983-03 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-9

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:41:11 PM

Quant Time: Sep 15 08:16:08 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 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	5.65	49	937171	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3957598	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4054756	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3102526	10.77	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	21113m	0.130	ppbv	
3) Chlorodifluoromethane	2.97	51	49247m	0.475	ppbv	
4) Chloromethane	3.12	50	11023	0.199	ppbv	94
9) Propene	2.99	41	72949	1.826	ppbv	93
10) Heptane	8.11	43	65873	0.614	ppbv	99
13) Ethanol	3.59	45	81580	8.234	ppbv	96
15) Acetone	3.83	43	8181458	79.154	ppbv #	71
17) tert-Butyl alcohol	4.28	59	234298	1.862	ppbv	99
19) Isopropyl Alcohol	3.95	45	66511	1.079	ppbv #	93
20) Methylene Chloride	4.33	84	209365	2.720	ppbv	97
26) Hexane	5.67	57	127237	1.230	ppbv #	42
30) Cyclohexane	7.11	84	11591m	0.105	ppbv	
34) 2-Butanone	5.23	43	1152721	9.815	ppbv	99
36) Benzene	6.88	78	107483	0.420	ppbv	97
38) Trichloroethene	7.82	130	54464m	0.366	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	50798m	0.151	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	1813037	10.661	ppbv	100
51) 2-Hexanone	10.12	43	426929	3.060	ppbv #	97
52) Tetrachloroethene	11.21	164	1638310	10.947	ppbv	98
53) Toluene	9.80	91	4887596	15.171	ppbv	98
58) Ethyl Benzene	12.70	91	380979	0.911	ppbv	92
59) m/p-Xylene	12.96	91	1271162	3.638	ppbv	96
60) o-Xylene	13.68	91	471464	1.340	ppbv	96
64) n-propylbenzene	15.56	120	48386	0.280	ppbv #	53
72) 4-Ethyltoluene	15.84	105	261749	0.585	ppbv	96
73) 1,3,5-Trimethylbenzene	16.00	105	174438	0.422	ppbv	93
74) 1,2,4-Trimethylbenzene	16.76	105	721392	1.588	ppbv #	70
79) Naphthalene	22.21	128	99102	0.197	ppbv #	93
80) Naphthalene,2-methyl-	24.99	142	16766	0.097	ppbv	96

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

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