

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035600.D
 Acq On : 14 Sep 2020 15:59
 Operator : SY/AP
 Sample : L3983-07DUP 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DUP

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:40:05 PM

Quant Time: Sep 15 07:06:20 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	5.67	49	1143057	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4746637	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4751887	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3632557	10.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	36311m	0.287	ppbv	
9) Propene	3.01	41	199436	4.092	ppbv #	78
10) Heptane	8.13	43	354571	2.709	ppbv	99
13) Ethanol	3.60	45	28371	2.348	ppbv	96
15) Acetone	3.84	43	5842915	46.347	ppbv	91
17) tert-Butyl alcohol	4.30	59	48459	0.316	ppbv #	72
19) Isopropyl Alcohol	3.97	45	28070	0.373	ppbv #	93
20) Methylene Chloride	4.34	84	438867	4.674	ppbv	94
22) trans-1,2-Dichloroethene	4.88	96	16663	0.163	ppbv	90
26) Hexane	5.68	57	721225	5.715	ppbv #	48
27) Carbon Disulfide	4.55	76	93971	0.519	ppbv	97
29) Chloroform	5.75	83	184429	0.717	ppbv	92
30) Cyclohexane	7.13	84	19545m	0.145	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	2510205	19.389	ppbv	99
34) 2-Butanone	5.24	43	567864	4.031	ppbv	100
36) Benzene	6.89	78	85602	0.279	ppbv	94
38) Trichloroethene	7.84	130	6771914	37.943	ppbv #	92
51) 2-Hexanone	10.15	43	223955	1.338	ppbv #	98
52) Tetrachloroethene	11.23	164	12472767m	69.487	ppbv	
53) Toluene	9.81	91	2168888	5.613	ppbv	99
58) Ethyl Benzene	12.73	91	203681	0.416	ppbv	89
59) m/p-Xylene	12.99	91	636438	1.554	ppbv	97
60) o-Xylene	13.71	91	235477	0.571	ppbv	97
64) n-propylbenzene	15.58	120	24300m	0.120	ppbv	
72) 4-Ethyltoluene	15.86	105	124630	0.238	ppbv #	85
73) 1,3,5-Trimethylbenzene	16.02	105	78855	0.163	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	315342m	0.592	ppbv	

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

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