

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035599.D
 Acq On : 14 Sep 2020 15:20
 Operator : SY/AP
 Sample : L3983-07 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:40:02 PM

Quant Time: Sep 15 16:06:40 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	1099827	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4434351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4532532	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3500884	10.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	36175m	0.297	ppbv	
9) Propene	3.01	41	194330	4.144	ppbv #	77
10) Heptane	8.13	43	356605	2.831	ppbv	98
13) Ethanol	3.60	45	26185m	2.252	ppbv	
15) Acetone	3.84	43	5716441	47.126	ppbv	92
17) tert-Butyl alcohol	4.30	59	41451	0.281	ppbv #	72
19) Isopropyl Alcohol	3.97	45	24543	0.339	ppbv #	93
20) Methylene Chloride	4.34	84	402363	4.454	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	17989	0.183	ppbv	95
26) Hexane	5.69	57	672498	5.539	ppbv #	47
27) Carbon Disulfide	4.55	76	97491	0.560	ppbv	98
29) Chloroform	5.75	83	180807	0.731	ppbv	96
30) Cyclohexane	7.13	84	16412m	0.126	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	2506318	20.120	ppbv	99
34) 2-Butanone	5.25	43	554981	4.217	ppbv	98
36) Benzene	6.90	78	79896	0.278	ppbv	94
38) Trichloroethene	7.84	130	6931437	41.572	ppbv #	92
51) 2-Hexanone	10.15	43	246117m	1.574	ppbv	
52) Tetrachloroethene	11.23	164	12957283m	77.270	ppbv	
53) Toluene	9.82	91	2138942	5.926	ppbv	99
58) Ethyl Benzene	12.73	91	190657	0.408	ppbv	90
59) m/p-Xylene	12.98	91	615110	1.575	ppbv	95
60) o-Xylene	13.71	91	228442	0.581	ppbv	94
64) n-propylbenzene	15.58	120	23036	0.119	ppbv #	1
72) 4-Ethyltoluene	15.86	105	121071	0.242	ppbv #	84
73) 1,3,5-Trimethylbenzene	16.02	105	72946	0.158	ppbv	91
74) 1,2,4-Trimethylbenzene	16.78	105	308126	0.607	ppbv #	70

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

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