

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035674.D
 Acq On : 18 Sep 2020 2:26
 Operator : SY/AP
 Sample : L3983-04 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-12

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:11:57 PM

Quant Time: Sep 20 20:49:42 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	1117816	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4434351	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.11	117	4386385	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3327423	10.68	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Chloromethane	3.14	50	14914	0.225	ppbv	97
9) Propene	3.01	41	977827	20.516	ppbv	95
10) Heptane	8.14	43	78878	0.616	ppbv	100
13) Ethanol	3.61	45	101644	8.601	ppbv	97
15) Acetone	3.84	43	4727275	38.344	ppbv	91
17) tert-Butyl alcohol	4.30	59	224896	1.499	ppbv	98
19) Isopropyl Alcohol	3.97	45	71838	0.977	ppbv #	93
20) Methylene Chloride	4.35	84	96327	1.049	ppbv	94
26) Hexane	5.69	57	137684	1.116	ppbv #	51
27) Carbon Disulfide	4.56	76	109919	0.621	ppbv	98
29) Chloroform	5.76	83	26387	0.105	ppbv	86
30) Cyclohexane	7.14	84	30357	0.230	ppbv #	84
31) cis-1,2-Dichloroethene	5.56	61	48534	0.383	ppbv	93
34) 2-Butanone	5.25	43	670065	5.092	ppbv	98
36) Benzene	6.91	78	187145	0.652	ppbv	96
38) Trichloroethene	7.85	130	355836	2.134	ppbv	95
50) 4-Methyl-2-Pentanone	8.75	43	3478274	18.253	ppbv	99
51) 2-Hexanone	10.16	43	242123	1.549	ppbv #	93
52) Tetrachloroethene	11.25	164	10320355m	61.545	ppbv	
53) Toluene	9.83	91	1166540	3.232	ppbv	97
58) Ethyl Benzene	12.74	91	455250	1.006	ppbv	91
59) m/p-Xylene	12.99	91	1589459	4.205	ppbv	95
60) o-Xylene	13.72	91	537366	1.412	ppbv	95
64) n-propylbenzene	15.59	120	67389	0.361	ppbv #	58
72) 4-Ethyltoluene	15.87	105	392191	0.810	ppbv	95
73) 1,3,5-Trimethylbenzene	16.02	105	180642	0.404	ppbv	87
74) 1,2,4-Trimethylbenzene	16.79	105	857356	1.744	ppbv #	71

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

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