

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035768.D
 Acq On : 12 Oct 2020 19:17
 Operator : SY/AP
 Sample : L4347-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 5

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:11:47 PM

Quant Time: Oct 13 23:15:37 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 2020

QLast Update : Wed Sep 23 07:38:05 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1076124	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4558652	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4610163	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3506402	10.15	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	22359	0.127	ppbv	99
4) Chloromethane	3.13	50	54209	0.872	ppbv	96
7) Chloroethane	3.55	64	7868	0.292	ppbv	100
9) Propene	3.00	41	3179484	75.639	ppbv	98
10) Heptane	8.13	43	679813	5.801	ppbv	99
11) Trichlorofluoromethane	3.95	101	41801	0.166	ppbv	91
13) Ethanol	3.61	45	384601	37.102	ppbv	100
15) Acetone	3.85	43	14513948	125.343	ppbv #	40
17) tert-Butyl alcohol	4.30	59	727532	5.768	ppbv	99
19) Isopropyl Alcohol	3.97	45	505256	8.021	ppbv #	89
20) Methylene Chloride	4.35	84	1017927	11.968	ppbv	94
26) Hexane	5.69	57	1301753	11.401	ppbv #	43
27) Carbon Disulfide	4.55	76	1329978	7.815	ppbv	99
29) Chloroform	5.77	83	31275	0.135	ppbv	94
30) Cyclohexane	7.13	84	180605	1.603	ppbv	97
34) 2-Butanone	5.25	43	6542649	43.392	ppbv #	85
36) Benzene	6.90	78	2217574	7.466	ppbv	98
38) Trichloroethene	7.85	130	7953m	0.054	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	1006006	2.360	ppbv #	85
50) 4-Methyl-2-Pentanone	8.75	43	243943	1.108	ppbv	98
51) 2-Hexanone	10.13	43	2658680	14.984	ppbv #	95
52) Tetrachloroethene	11.23	164	42918	0.300	ppbv	94
53) Toluene	9.82	91	9372714	26.759	ppbv	90
58) Ethyl Benzene	12.73	91	1438400	3.109	ppbv	95
59) m/p-Xylene	12.98	91	3892221	9.632	ppbv	99
60) o-Xylene	13.71	91	1491779	3.650	ppbv	100
61) Styrene	13.55	104	112079	0.397	ppbv	97
62) Isopropylbenzene	14.68	105	162672	0.257	ppbv	95
64) n-propylbenzene	15.58	120	143901	0.775	ppbv #	65
65) tert-Butylbenzene	16.79	119	229260	0.398	ppbv #	79
70) n-Butylbenzene	18.61	91	275607	0.413	ppbv #	62
72) 4-Ethyltoluene	15.86	105	724503	1.496	ppbv	97
73) 1,3,5-Trimethylbenzene	16.02	105	562680	1.230	ppbv	93
74) 1,2,4-Trimethylbenzene	16.79	105	1906803	3.697	ppbv #	72
79) Naphthalene	22.24	128	154196m	0.313	ppbv	
80) Naphthalene,2-methyl-	24.99	142	27931m	0.241	ppbv	

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

