

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035766.D
 Acq On : 12 Oct 2020 17:58
 Operator : SY/AP
 Sample : L4347-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:11:40 PM

Quant Time: Oct 13 23:08:31 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	1021751	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4288638	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4325516	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3642470	11.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	30758	0.183	ppbv	93
4) Chloromethane	3.13	50	49668	0.841	ppbv	99
9) Propene	3.00	41	5939577	148.821	ppbv	92
10) Heptane	8.13	43	1302985	11.711	ppbv	99
11) Trichlorofluoromethane	3.95	101	52453	0.219	ppbv	95
13) Ethanol	3.61	45	711181	72.258	ppbv	99
15) Acetone	3.85	43	16224406	147.571	ppbv #	41
17) tert-Butyl alcohol	4.30	59	558167	4.661	ppbv #	72
19) Isopropyl Alcohol	3.97	45	453854	7.589	ppbv #	89
20) Methylene Chloride	4.36	84	1350544	16.723	ppbv #	95
26) Hexane	5.69	57	3322910	30.652	ppbv #	47
27) Carbon Disulfide	4.55	76	5049398	31.250	ppbv	96
30) Cyclohexane	7.14	84	769881	7.198	ppbv #	75
34) 2-Butanone	5.25	43	6586299	46.432	ppbv #	88
35) Carbon Tetrachloride	7.03	117	8088m	0.036	ppbv	
36) Benzene	6.90	78	4677991	16.740	ppbv	98
37) 1,2-Dichloroethane	6.32	62	32444	0.223	ppbv #	94
44) 2,2,4-Trimethylpentane	7.88	57	1589657	3.964	ppbv #	76
50) 4-Methyl-2-Pentanone	8.75	43	316090	1.526	ppbv	97
51) 2-Hexanone	10.14	43	3666457	21.964	ppbv #	97
52) Tetrachloroethene	11.24	164	30288	0.225	ppbv	90
53) Toluene	9.82	91	7420930	22.520	ppbv	94
58) Ethyl Benzene	12.73	91	1739358	4.006	ppbv	94
59) m/p-Xylene	12.98	91	4451475	11.741	ppbv	99
60) o-Xylene	13.71	91	1664808	4.341	ppbv	98
61) Styrene	13.55	104	136420	0.514	ppbv	94
62) Isopropylbenzene	14.68	105	215223	0.362	ppbv	93
64) n-propylbenzene	15.58	120	154504	0.887	ppbv #	64
69) p-Isopropyltoluene	17.69	119	88780	0.146	ppbv #	89
70) n-Butylbenzene	18.62	91	368326m	0.589	ppbv	
72) 4-Ethyltoluene	15.86	105	729798	1.606	ppbv	96
73) 1,3,5-Trimethylbenzene	16.02	105	555735	1.294	ppbv	94
74) 1,2,4-Trimethylbenzene	16.79	105	1885296	3.895	ppbv #	72
79) Naphthalene	22.25	128	149503m	0.324	ppbv	
80) Naphthalene,2-methyl-	25.00	142	20021	0.184	ppbv #	77

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

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