

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035540.D
 Acq On : 3 Sep 2020 21:12
 Operator : SY/AP
 Sample : L3898-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:12:51 PM

Quant Time: Sep 05 15:10:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1008382	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	4272600	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	4271943	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3155975	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	66526	0.381	ppbv	97
3) Chlorodifluoromethane	3.00	51	65939m	0.591	ppbv	
4) Chloromethane	3.15	50	31964	0.535	ppbv	94
9) Propene	3.03	41	316688	7.366	ppbv #	63
10) Heptane	8.15	43	30791	0.267	ppbv	98
11) Trichlorofluoromethane	3.96	101	299252	1.174	ppbv	92
13) Ethanol	3.63	45	3249498	304.825	ppbv	99
15) Acetone	3.87	43	15822439	142.269	ppbv #	51
19) Isopropyl Alcohol	4.00	45	337270	5.083	ppbv #	93
20) Methylene Chloride	4.38	84	645364	7.791	ppbv	97
26) Hexane	5.71	57	358646	3.222	ppbv #	56
30) Cyclohexane	7.16	84	29235m	0.245	ppbv	
34) 2-Butanone	5.28	43	201310	1.588	ppbv	98
35) Carbon Tetrachloride	7.05	117	14627m	0.068	ppbv	
36) Benzene	6.93	78	104109	0.376	ppbv	95
41) Tetrahydrofuran	6.09	42	11969m	0.178	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	161637	0.444	ppbv #	79
50) 4-Methyl-2-Pentanone	8.79	43	41485	0.226	ppbv	97
52) Tetrachloroethene	11.26	164	22710	0.141	ppbv	89
53) Toluene	9.84	91	2565460	7.376	ppbv	99
58) Ethyl Benzene	12.75	91	125927	0.286	ppbv #	84
59) m/p-Xylene	13.00	91	427113	1.160	ppbv	96
60) o-Xylene	13.73	91	154816	0.418	ppbv	98
62) Isopropylbenzene	14.71	105	17934	0.030	ppbv	93
69) p-Isopropyltoluene	17.70	119	115825	0.179	ppbv	99
72) 4-Ethyltoluene	15.88	105	49488	0.105	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.05	105	53164m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	208339	0.435	ppbv #	69
76) 1,4-Dichlorobenzene	17.18	146	33197	0.095	ppbv	91
79) Naphthalene	22.26	128	1456868	2.743	ppbv #	93
80) Naphthalene,2-methyl-	25.02	142	110966	0.612	ppbv	98

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

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