

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035533.D
 Acq On : 3 Sep 2020 16:34
 Operator : SY/AP
 Sample : L3898-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 4:06:18 PM

Quant Time: Sep 04 07:16:50 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	5.69	49	1003983	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4294605	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4231143	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3115290	10.37	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	45879	0.264	ppbv	89
3) Chlorodifluoromethane	2.99	51	50047m	0.451	ppbv	
4) Chloromethane	3.15	50	32959	0.554	ppbv	99
9) Propene	3.02	41	29763	0.695	ppbv	84
10) Heptane	8.15	43	60090	0.523	ppbv	100
11) Trichlorofluoromethane	3.97	101	68268	0.269	ppbv	96
13) Ethanol	3.63	45	4104832	386.748	ppbv	99
15) Acetone	3.86	43	1118157	10.098	ppbv	96
17) tert-Butyl alcohol	4.33	59	43916	0.326	ppbv	98
19) Isopropyl Alcohol	4.00	45	1817133	27.508	ppbv	99
20) Methylene Chloride	4.36	84	1323649	16.050	ppbv	96
26) Hexane	5.71	57	616473	5.562	ppbv #	51
30) Cyclohexane	7.16	84	31328	0.264	ppbv #	89
34) 2-Butanone	5.26	43	740369	5.809	ppbv	98
35) Carbon Tetrachloride	7.05	117	14765	0.068	ppbv #	90
36) Benzene	6.92	78	121435	0.437	ppbv	97
43) Methyl Methacrylate	8.04	69	21753m	0.202	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	234306	0.641	ppbv #	87
50) 4-Methyl-2-Pentanone	8.78	43	41901	0.227	ppbv	97
52) Tetrachloroethene	11.26	164	9162m	0.056	ppbv	
53) Toluene	9.84	91	1250337	3.577	ppbv	98
58) Ethyl Benzene	12.75	91	172874	0.396	ppbv	92
59) m/p-Xylene	13.00	91	522991	1.434	ppbv	97
60) o-Xylene	13.73	91	181643	0.495	ppbv	98
72) 4-Ethyltoluene	15.88	105	90337	0.194	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.04	105	89755m	0.208	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	328225	0.692	ppbv #	72
79) Naphthalene	22.26	128	1574829	2.993	ppbv	96
80) Naphthalene,2-methyl-	25.02	142	69437	0.387	ppbv	99

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

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