

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035532.D
 Acq On : 3 Sep 2020 15:53
 Operator : SY/AP
 Sample : L3898-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 4:06:16 PM

Quant Time: Sep 04 07:11:22 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	5.68	49	974136	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4168249	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4144522	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	3074319	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	48516	0.287	ppbv	95
3) Chlorodifluoromethane	2.99	51	50617m	0.470	ppbv	
4) Chloromethane	3.15	50	32088	0.556	ppbv	94
9) Propene	3.02	41	30163	0.726	ppbv #	81
10) Heptane	8.15	43	56516	0.507	ppbv	96
11) Trichlorofluoromethane	3.96	101	68147	0.277	ppbv	97
13) Ethanol	3.63	45	3966715	385.186	ppbv	99
15) Acetone	3.86	43	1065141	9.914	ppbv	96
17) tert-Butyl alcohol	4.33	59	43446m	0.332	ppbv	
19) Isopropyl Alcohol	4.00	45	1751126	27.321	ppbv	100
20) Methylene Chloride	4.36	84	727607	9.093	ppbv	97
26) Hexane	5.71	57	442326	4.113	ppbv #	54
30) Cyclohexane	7.15	84	33770m	0.293	ppbv	
34) 2-Butanone	5.26	43	716228	5.790	ppbv	99
35) Carbon Tetrachloride	7.04	117	15380m	0.073	ppbv	
36) Benzene	6.91	78	117561	0.436	ppbv #	91
43) Methyl Methacrylate	8.05	69	19202m	0.184	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	225789	0.636	ppbv	90
50) 4-Methyl-2-Pentanone	8.78	43	39894m	0.223	ppbv	
52) Tetrachloroethene	11.26	164	9167m	0.058	ppbv	
53) Toluene	9.83	91	1208337	3.561	ppbv	98
58) Ethyl Benzene	12.74	91	161146	0.377	ppbv	89
59) m/p-Xylene	13.00	91	502027m	1.406	ppbv	
60) o-Xylene	13.73	91	175052	0.487	ppbv	96
72) 4-Ethyltoluene	15.88	105	92464	0.202	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.04	105	80214	0.190	ppbv	92
74) 1,2,4-Trimethylbenzene	16.80	105	310208	0.668	ppbv #	72
79) Naphthalene	22.26	128	1533352	2.975	ppbv	96
80) Naphthalene,2-methyl-	25.02	142	64775	0.368	ppbv	98

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

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