

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035535.D
 Acq On : 3 Sep 2020 17:54
 Operator : SY/AP
 Sample : L3898-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 4:20:07 PM

Quant Time: Sep 05 15:04:25 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	1023680	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.21	114	4346870	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.12	117	4371023	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3237908	10.43	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	67439	0.380	ppbv	93
3) Chlorodifluoromethane	3.00	51	68754m	0.607	ppbv	
4) Chloromethane	3.15	50	31519	0.520	ppbv	99
9) Propene	3.03	41	302760	6.937	ppbv #	64
10) Heptane	8.15	43	51314	0.438	ppbv	97
11) Trichlorofluoromethane	3.96	101	364631	1.409	ppbv	100
13) Ethanol	3.63	45	1279365	118.220	ppbv	97
15) Acetone	3.86	43	9681853	85.754	ppbv #	69
19) Isopropyl Alcohol	4.00	45	456936	6.784	ppbv #	93
20) Methylene Chloride	4.37	84	225904	2.686	ppbv	96
26) Hexane	5.71	57	165374	1.463	ppbv	86
30) Cyclohexane	7.15	84	24927	0.206	ppbv #	91
32) 1,1,1-Trichloroethane	6.54	97	7303m	0.033	ppbv	
34) 2-Butanone	5.27	43	343467	2.662	ppbv	99
35) Carbon Tetrachloride	7.05	117	15303m	0.070	ppbv	
36) Benzene	6.92	78	124622	0.443	ppbv #	95
37) 1,2-Dichloroethane	6.33	62	12765	0.095	ppbv #	92
38) Trichloroethene	7.87	130	7282m	0.045	ppbv	
40) 1,4-Dioxane	7.89	88	6336m	0.133	ppbv	
41) Tetrahydrofuran	6.09	42	14452m	0.211	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	205612m	0.555	ppbv	
50) 4-Methyl-2-Pentanone	8.78	43	32907m	0.176	ppbv	
52) Tetrachloroethene	11.26	164	22793	0.139	ppbv	94
53) Toluene	9.84	91	1134092	3.205	ppbv	97
58) Ethyl Benzene	12.75	91	228997	0.508	ppbv	89
59) m/p-Xylene	13.00	91	775664	2.059	ppbv	96
60) o-Xylene	13.73	91	275436	0.726	ppbv	96
69) p-Isopropyltoluene	17.70	119	183451	0.277	ppbv	94
72) 4-Ethyltoluene	15.89	105	79722	0.165	ppbv #	91
73) 1,3,5-Trimethylbenzene	16.04	105	85785	0.192	ppbv	87
74) 1,2,4-Trimethylbenzene	16.80	105	318952	0.651	ppbv #	67
76) 1,4-Dichlorobenzene	17.18	146	51183	0.143	ppbv	93
79) Naphthalene	22.26	128	1900995	3.498	ppbv	96
80) Naphthalene,2-methyl-	25.02	142	164905	0.889	ppbv	100

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

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