

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082320\
 Data File : VL035503.D
 Acq On : 23 Aug 2020 19:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010EC

Quant Time: Aug 24 02:30:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sun Aug 23 12:40:32 2020
 QLast Update : Sun Aug 23 12:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	969669	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4374088	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4640273m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3265873	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1746214	9.729	ppbv	98
3) Chlorodifluoromethane	2.98	51	1022854	9.321	ppbv	99
4) Chloromethane	3.13	50	534274	9.414	ppbv	99
5) Vinyl Chloride	3.25	62	646172	9.635	ppbv	99
6) Bromomethane	3.47	94	565932	9.179	ppbv	100
7) Chloroethane	3.55	64	238057	9.302	ppbv	100
8) Dichlorotetrafluoroethane	3.18	85	1929260	9.128	ppbv	99
9) Propene	3.00	41	392361	9.182	ppbv	98
10) Heptane	8.13	43	1094340	9.636	ppbv	100
11) Trichlorofluoromethane	3.95	101	2341908	9.099	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1752983	9.143	ppbv	99
13) Ethanol	3.60	45	95829	7.846	ppbv	99
14) Bromoethene	3.74	108	793787	9.474	ppbv	100
15) Acetone	3.85	43	833176	8.129	ppbv	100
16) 1,3-Butadiene	3.32	39	390300	9.450	ppbv	99
17) tert-Butyl alcohol	4.29	59	1287338	9.693	ppbv	100
18) 1,1-Dichloroethene	4.29	96	802896	9.451	ppbv	97
19) Isopropyl Alcohol	3.97	45	626295	9.262	ppbv	99
20) Methylene Chloride	4.34	84	690131	6.197	ppbv	98
21) Allyl Chloride	4.41	41	506716	9.664	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	836198	9.304	ppbv	99
23) Vinyl Acetate	5.08	43	1356741	9.915	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1339502	9.294	ppbv	99
25) Ethyl Acetate	5.68	43	1759531	8.908	ppbv	100
26) Hexane	5.69	57	1023255	8.523	ppbv	98
27) Carbon Disulfide	4.55	76	1659525	10.369	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	1860661	9.547	ppbv	100
29) Chloroform	5.76	83	2119641	9.287	ppbv	99
30) Cyclohexane	7.14	84	1183013	9.794	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1109573	9.754	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	2138451	10.256	ppbv	99
34) 2-Butanone	5.25	43	1227593	9.555	ppbv	100
35) Carbon Tetrachloride	7.03	117	2273776	10.667	ppbv	98
36) Benzene	6.90	78	2713921	9.447	ppbv	100
37) 1,2-Dichloroethane	6.31	62	1293270	9.514	ppbv	100
38) Trichloroethene	7.84	130	1477804	9.297	ppbv	98
39) 1,2-Dichloropropane	7.63	63	905204	9.441	ppbv	99
40) 1,4-Dioxane	7.84	88	475477	10.018	ppbv	87
41) Tetrahydrofuran	6.05	42	699063	10.018	ppbv	100
42) Bromodichloromethane	7.80	83	2247568	10.110	ppbv	97
43) Methyl Methacrylate	8.02	69	1112824	10.034	ppbv	99

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44) 2,2,4-Trimethylpentane	7.88	57	3482080	9.282	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1266569	11.113	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	1510845	10.705	ppbv	99
47) 1,1,2-Trichloroethane	9.49	97	1351384	9.388	ppbv	99
48) Dibromochloromethane	10.32	129	2447930	10.683	ppbv	100
49) Bromoform	13.06	173	2350685	11.044	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	1851443	10.018	ppbv	100
51) 2-Hexanone	10.15	43	1602516	10.615	ppbv	100
52) Tetrachloroethene	11.24	164	1546208	9.243	ppbv	99
53) Toluene	9.82	91	3530949	9.713	ppbv	99
54) 1,2-Dibromoethane	10.63	107	2180881	9.536	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.15	131	1883844	9.579	ppbv	97
57) Chlorobenzene	12.17	112	3052197	8.735	ppbv	98
58) Ethyl Benzene	12.73	91	4639168	9.312	ppbv	100
59) m/p-Xylene	13.02	91	7503901m	17.696	ppbv	
60) o-Xylene	13.72	91	3815134	9.166	ppbv	100
61) Styrene	13.55	104	3134045	9.768	ppbv	100
62) Isopropylbenzene	14.69	105	5997455	8.895	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	2685665	8.866	ppbv	100
64) n-propylbenzene	15.58	120	1908047	9.311	ppbv	98
65) tert-Butylbenzene	16.77	119	5762717	8.993	ppbv	100
66) Benzyl Chloride	17.01	91	1815023	11.565	ppbv	98
67) sec-Butylbenzene	17.32	105	7478171	8.783	ppbv	99
69) p-Isopropyltoluene	17.68	119	6654097	8.967	ppbv	99
70) n-Butylbenzene	18.58	91	6328705	8.894	ppbv	99
71) 2-Chlorotoluene	15.48	91	4499448	9.237	ppbv	100
72) 4-Ethyltoluene	15.86	105	4961994	9.338	ppbv	100
73) 1,3,5-Trimethylbenzene	16.02	105	4617337	9.382	ppbv	99
74) 1,2,4-Trimethylbenzene	16.79	105	4814774	8.930	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	3541632	8.762	ppbv	100
76) 1,4-Dichlorobenzene	17.17	146	3583753	8.856	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	3517263	8.821	ppbv	100
78) Hexachloro-1,3-Butadiene	23.41	225	2273887	8.217	ppbv	100
79) Naphthalene	22.23	128	5904562	8.707	ppbv	100
80) Naphthalene, 2-methyl-	24.99	142	2318578	8.540	ppbv	100
81) 1,2,4-Trichlorobenzene	21.96	180	3445555	8.641	ppbv	99

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

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