

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039832.D
 Acq On : 7 Nov 2022 9:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:04:18 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.195	49	1119884	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3026826	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2963500m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2266784 10.219 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1327709	7.022	ppbv	98
3) Chlorodifluoromethane	2.693	51	1259337	9.433	ppbv	97
4) Chloromethane	2.828	50	760870	9.153	ppbv	100
5) Vinyl Chloride	2.938	62	662870	9.849	ppbv	98
6) Bromomethane	3.134	94	232951	9.703	ppbv	96
7) Chloroethane	3.214	64	225407	8.937	ppbv	96
8) Dichlorotetrafluoroethane	2.873	85	1504927	9.340	ppbv	99
9) Propene	2.713	41	620988	8.927	ppbv	99
10) Heptane	7.577	43	1528733	9.174	ppbv	100
11) Trichlorofluoromethane	3.578	101	1506550	9.770	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	1042506	9.361	ppbv	100
13) Ethanol	3.253	45	42536m	8.652	ppbv	
14) Bromoethene	3.381	108	473131	9.488	ppbv	98
15) Acetone	3.481	43	1044937	7.666	ppbv	99
16) 1,3-Butadiene	3.002	39	595133	9.388	ppbv	98
17) tert-Butyl alcohol	3.886	59	1157233	8.915	ppbv	99
18) 1,1-Dichloroethene	3.893	96	490871	9.613	ppbv	93
19) Isopropyl Alcohol	3.584	45	604911	8.966	ppbv	96
20) Methylene Chloride	3.944	84	366852	7.523	ppbv	92
21) Allyl Chloride	4.008	41	759329	8.807	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	487725	9.411	ppbv	95
23) Vinyl Acetate	4.632	43	442748	8.153	ppbv	99
24) 1,1-Dichloroethane	4.571	63	958453	8.641	ppbv	99
25) Ethyl Acetate	5.208	43	2594316	9.240	ppbv	99
26) Hexane	5.217	57	1120421	8.950	ppbv	99
27) Carbon Disulfide	4.134	76	1261273	9.594	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	979649	8.645	ppbv	98
29) Chloroform	5.278	83	1774286	10.079	ppbv	100
30) Cyclohexane	6.600	84	976064	9.324	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	1120237	9.813	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1819406	10.382	ppbv	99
34) 2-Butanone	4.793	43	1066582	8.542	ppbv	96
35) Carbon Tetrachloride	6.494	117	1843078	10.446	ppbv	98
36) Benzene	6.372	78	2481280	9.718	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1333784	10.888	ppbv	99
38) Trichloroethene	7.288	130	1324810	9.694	ppbv	98
39) 1,2-Dichloropropane	7.073	63	962161	9.672	ppbv	96
40) 1,4-Dioxane	7.285	88	377780	9.917	ppbv	98
41) Tetrahydrofuran	5.561	42	983938	9.428	ppbv	98
42) Bromodichloromethane	7.246	83	1984946	10.145	ppbv	97
43) Methyl Methacrylate	7.471	69	974606	9.658	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	4017729	9.323	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	1000886	10.355	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039832.D
 Acq On : 7 Nov 2022 9:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/08/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:04:18 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1321334	10.015	ppbv	99
47) 1,1,2-Trichloroethane	8.892	97	995211	9.880	ppbv	99
48) Dibromochloromethane	9.703	129	1662914	9.688	ppbv	100
49) Bromoform	12.400	173	1244569	9.021	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2489462	9.738	ppbv	99
51) 2-Hexanone	9.548	43	1959653	9.831	ppbv #	99
52) Tetrachloroethene	10.606	164	841199	8.794	ppbv	96
53) Toluene	9.214	91	2793516	9.537	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1168318	10.450	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1142401	9.016	ppbv	98
57) Chlorobenzene	11.523	112	2003093	8.911	ppbv	96
58) Ethyl Benzene	12.082	91	3653132	9.117	ppbv	100
59) m/p-Xylene	12.362	91	5952518m	17.796	ppbv	
60) o-Xylene	13.053	91	2832715	8.939	ppbv	98
61) Styrene	12.892	104	1766018	9.057	ppbv	100
62) Isopropylbenzene	14.024	105	3996131	8.645	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.037	83	978639	8.293	ppbv	99
64) n-propylbenzene	14.912	120	1033160	8.355	ppbv	90
65) tert-Butylbenzene	16.085	119	3272672	8.063	ppbv	97
66) Benzyl Chloride	16.320	91	343067m	7.270	ppbv	
67) sec-Butylbenzene	16.632	105	4628282	8.377	ppbv	99
69) p-Isopropyltoluene	16.989	119	3684550	8.040	ppbv	99
70) n-Butylbenzene	17.879	91	3822104	8.627	ppbv	99
71) 2-Chlorotoluene	14.793	91	3027697	8.717	ppbv	98
72) 4-Ethyltoluene	15.188	105	3160747	8.858	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2784121	8.801	ppbv	93
74) 1,2,4-Trimethylbenzene	16.101	105	2873561	8.550	ppbv	99
75) 1,3-Dichlorobenzene	16.326	146	1619482	8.253	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1565449	8.130	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1539074	8.320	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1056230	7.706	ppbv	98
79) Naphthalene	21.371	128	2391883	9.789	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	839445	8.103	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1235058	9.036	ppbv	99

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

