

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039571.D
 Acq On : 18 Aug 2022 23:04
 Operator : SY/AP
 Sample : N3980-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2022

Quant Time: Aug 19 03:06:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	913114	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2528573	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2322749	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1798032	10.283	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	84119	0.685	ppbv	95
3) Chlorodifluoromethane	2.697	51	64907	0.593	ppbv	100
4) Chloromethane	2.835	50	37591	0.574	ppbv	89
5) Vinyl Chloride	2.941	62	30932	0.548	ppbv	95
6) Bromomethane	3.144	94	12639	0.547	ppbv #	78
7) Chloroethane	3.214	64	11578	0.576	ppbv	98
8) Dichlorotetrafluoroethane	2.880	85	71568	0.543	ppbv	86
9) Propene	2.719	41	31830	0.638	ppbv	93
10) Heptane	7.584	43	48441	0.418	ppbv #	84
11) Trichlorofluoromethane	3.584	101	75854	0.563	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.082	101	56323	0.566	ppbv	97
13) Ethanol	3.272	45	4608m	1.284	ppbv	
14) Bromoethene	3.391	108	19555	0.481	ppbv #	77
15) Acetone	3.500	43	52009	0.504	ppbv #	78
16) 1,3-Butadiene	3.005	39	27815	0.519	ppbv	99
17) tert-Butyl alcohol	3.909	59	50013m	0.568	ppbv	
18) 1,1-Dichloroethene	3.902	96	25359	0.565	ppbv	93
19) Isopropyl Alcohol	3.610	45	31166m	0.618	ppbv	
20) Methylene Chloride	3.954	84	27818	0.662	ppbv #	89
21) Allyl Chloride	4.015	41	30659	0.457	ppbv #	78
22) trans-1,2-Dichloroethene	4.465	96	26918m	0.603	ppbv	
23) Vinyl Acetate	4.652	43	23378m	0.451	ppbv	
24) 1,1-Dichloroethane	4.581	63	49834	0.546	ppbv #	97
25) Ethyl Acetate	5.227	43	103219	0.469	ppbv #	92
26) Hexane	5.224	57	43416	0.481	ppbv #	77
27) Carbon Disulfide	4.140	76	43999	0.457	ppbv #	80
28) Methyl tert-Butyl Ether	4.613	73	27002	0.340	ppbv #	67
29) Chloroform	5.285	83	79139	0.561	ppbv	97
30) Cyclohexane	6.613	84	22036	0.294	ppbv #	100
31) cis-1,2-Dichloroethene	5.095	61	36794	0.422	ppbv #	84
32) 1,1,1-Trichloroethane	6.018	97	71965	0.543	ppbv	97
34) 2-Butanone	4.815	43	55117	0.434	ppbv	99
35) Carbon Tetrachloride	6.507	117	72990m	0.513	ppbv	
36) Benzene	6.381	78	89302	0.463	ppbv #	93
37) 1,2-Dichloroethane	5.819	62	51924	0.485	ppbv #	94
38) Trichloroethene	7.301	130	49540	0.473	ppbv	94
39) 1,2-Dichloropropane	7.085	63	36366	0.504	ppbv	98
40) 1,4-Dioxane	7.333	88	11964m	0.418	ppbv	
41) Tetrahydrofuran	5.594	42	31896m	0.426	ppbv	
42) Bromodichloromethane	7.259	83	70737	0.483	ppbv	92
43) Methyl Methacrylate	7.491	69	20977	0.301	ppbv #	58
44) 2,2,4-Trimethylpentane	7.336	57	154958m	0.477	ppbv	
45) t-1,3-Dichloropropene	8.712	75	20815m	0.339	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039571.D
 Acq On : 18 Aug 2022 23:04
 Operator : SY/AP
 Sample : N3980-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2022

Quant Time: Aug 19 03:06:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	28718	0.340	ppbv #	85
47) 1,1,2-Trichloroethane	8.902	97	43560m	0.526	ppbv	
48) Dibromochloromethane	9.709	129	25073	0.204	ppbv #	1
49) Bromoform	12.413	173	42792m	0.420	ppbv	
50) 4-Methyl-2-Pentanone	8.211	43	68476	0.350	ppbv	95
51) 2-Hexanone	9.587	43	51389m	0.356	ppbv	
52) Tetrachloroethene	10.619	164	36001m	0.477	ppbv	
53) Toluene	9.230	91	78395	0.363	ppbv	97
54) 1,2-Dibromoethane	10.015	107	42336m	0.448	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	53374	0.558	ppbv #	1
57) Chlorobenzene	11.532	112	93173	0.534	ppbv #	90
58) Ethyl Benzene	12.098	91	108820	0.405	ppbv	97
59) m/p-Xylene	12.381	91	223631m	0.925	ppbv	
60) o-Xylene	13.069	91	98193	0.423	ppbv	98
61) Styrene	12.899	104	39457	0.319	ppbv	95
62) Isopropylbenzene	14.037	105	166197	0.474	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	60503	0.519	ppbv	97
64) n-propylbenzene	14.931	120	41673m	0.455	ppbv	
65) tert-Butylbenzene	16.098	119	153666m	0.491	ppbv	
66) Benzyl Chloride	16.339	91	10393m	0.387	ppbv	
67) sec-Butylbenzene	16.641	105	221360	0.501	ppbv	99
69) p-Isopropyltoluene	17.001	119	157446m	0.428	ppbv	
70) n-Butylbenzene	17.892	91	161928m	0.443	ppbv	
71) 2-Chlorotoluene	14.805	91	113033m	0.445	ppbv	
72) 4-Ethyltoluene	15.201	105	115045	0.422	ppbv #	100
73) 1,3,5-Trimethylbenzene	15.362	105	99886	0.401	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	132970	0.479	ppbv	97
75) 1,3-Dichlorobenzene	16.336	146	80858	0.480	ppbv	93
76) 1,4-Dichlorobenzene	16.484	146	76807	0.455	ppbv	92
77) 1,2-Dichlorobenzene	17.149	146	84238m	0.510	ppbv	
78) Hexachloro-1,3-Butadiene	22.638	225	72828m	0.555	ppbv	
79) Naphthalene	21.397	128	75600m	0.383	ppbv	
80) Naphthalene,2-methyl-	24.381	142	18392	0.236	ppbv #	100
81) 1,2,4-Trichlorobenzene	21.146	180	54911	0.417	ppbv #	100

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

Quant Time: Aug 19 03:06:49 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

