

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041014.D
 Acq On : 24 Jan 2024 13:53
 Operator : SY/MD
 Sample : P1187-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Bromochloromethane	5.160	49	1059777	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2747393	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2365328	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 1793525 10.039 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	127735	0.546	ppbv	95
3) Chlorodifluoromethane	2.648	51	96988	0.544	ppbv	100
4) Chloromethane	2.787	50	37852	0.567	ppbv #	87
5) Vinyl Chloride	2.893	62	34811	0.531	ppbv #	87
6) Bromomethane	3.089	94	15008	0.526	ppbv	89
7) Chloroethane	3.169	64	12661	0.537	ppbv #	76
8) Dichlorotetrafluoroethane	2.832	85	94533	0.541	ppbv	98
9) Propene	2.668	41	33748	0.577	ppbv	100
10) Heptane	7.545	43	65497	0.455	ppbv	92
11) Trichlorofluoromethane	3.533	101	99988	0.530	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.034	101	69865	0.511	ppbv	90
13) Ethanol	3.227	45	9079	0.652	ppbv	97
14) Bromoethene	3.336	108	27140	0.517	ppbv #	91
15) Acetone	3.452	43	84089	0.620	ppbv	97
16) 1,3-Butadiene	2.960	39	33061	0.510	ppbv	98
17) tert-Butyl alcohol	3.864	59	68894	0.620	ppbv	99
18) 1,1-Dichloroethene	3.851	96	30564	0.522	ppbv #	90
19) Isopropyl Alcohol	3.561	45	44128	0.563	ppbv #	96
20) Methylene Chloride	3.902	84	38472	0.738	ppbv #	89
21) Allyl Chloride	3.967	41	41611	0.505	ppbv	94
22) trans-1,2-Dichloroethene	4.417	96	29774	0.494	ppbv	85
23) Vinyl Acetate	4.600	43	69698	0.499	ppbv #	93
24) 1,1-Dichloroethane	4.529	63	62278	0.503	ppbv	98
25) Ethyl Acetate	5.179	43	125586	0.511	ppbv #	95
26) Hexane	5.179	57	62664	0.598	ppbv	91
27) Carbon Disulfide	4.092	76	62618	0.459	ppbv #	82
28) Methyl tert-Butyl Ether	4.565	73	45759	0.526	ppbv	91
29) Chloroform	5.240	83	93639	0.504	ppbv	92
30) Cyclohexane	6.565	84	38740	0.441	ppbv #	92
31) cis-1,2-Dichloroethene	5.047	61	44157	0.449	ppbv	98
32) 1,1,1-Trichloroethane	5.967	97	90393m	0.509	ppbv	
34) 2-Butanone	4.764	43	65788	0.503	ppbv #	91
35) Carbon Tetrachloride	6.455	117	95674	0.522	ppbv	98
36) Benzene	6.333	78	118079	0.520	ppbv	97
37) 1,2-Dichloroethane	5.770	62	70502	0.509	ppbv	98
38) Trichloroethene	7.259	130	42966	0.472	ppbv	88
39) 1,2-Dichloropropane	7.037	63	43337m	0.485	ppbv	
40) 1,4-Dioxane	7.278	88	18204m	0.490	ppbv	
41) Tetrahydrofuran	5.549	42	43467m	0.489	ppbv	
42) Bromodichloromethane	7.211	83	95827	0.484	ppbv	99
43) Methyl Methacrylate	7.442	69	35726	0.408	ppbv	82
44) 2,2,4-Trimethylpentane	7.288	57	191026	0.500	ppbv	96
45) t-1,3-Dichloropropene	8.677	75	22861m	0.382	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041014.D
 Acq On : 24 Jan 2024 13:53
 Operator : SY/MD
 Sample : P1187-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	35132m	0.471	ppbv	
47) 1,1,2-Trichloroethane	8.860	97	47580	0.494	ppbv #	85
48) Dibromochloromethane	9.674	129	74543m	0.458	ppbv	
49) Bromoform	12.368	173	54299	0.425	ppbv	94
50) 4-Methyl-2-Pentanone	8.169	43	103241m	0.448	ppbv	
51) 2-Hexanone	9.542	43	67469m	0.406	ppbv	
52) Tetrachloroethene	10.577	164	38874m	0.516	ppbv	
53) Toluene	9.179	91	111433	0.448	ppbv	99
54) 1,2-Dibromoethane	9.970	107	62025	0.475	ppbv	82
56) 1,1,1,2-Tetrachloroethane	11.468	131	61092	0.538	ppbv #	1
57) Chlorobenzene	11.484	112	102569	0.539	ppbv #	96
58) Ethyl Benzene	12.056	91	151935m	0.478	ppbv	
59) m/p-Xylene	12.339	91	274851m	0.992	ppbv	
60) o-Xylene	13.024	91	129689	0.488	ppbv	99
61) Styrene	12.863	104	50169m	0.411	ppbv	
62) Isopropylbenzene	13.992	105	207828	0.529	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.014	83	110468m	0.535	ppbv	
64) n-propylbenzene	14.873	120	46755m	0.471	ppbv	
65) tert-Butylbenzene	16.059	119	174649m	0.509	ppbv	
66) Benzyl Chloride	16.301	91	10187m	0.453	ppbv	
67) sec-Butylbenzene	16.596	105	255135m	0.510	ppbv	
69) p-Isopropyltoluene	16.960	119	191413	0.494	ppbv	95
70) n-Butylbenzene	17.854	91	198037	0.473	ppbv	98
71) 2-Chlorotoluene	14.767	91	153406m	0.506	ppbv	
72) 4-Ethyltoluene	15.162	105	141690m	0.477	ppbv	
73) 1,3,5-Trimethylbenzene	15.313	105	130220m	0.494	ppbv	
74) 1,2,4-Trimethylbenzene	16.069	105	147920	0.495	ppbv	90
75) 1,3-Dichlorobenzene	16.294	146	86776	0.511	ppbv	95
76) 1,4-Dichlorobenzene	16.442	146	87700	0.523	ppbv	92
77) 1,2-Dichlorobenzene	17.108	146	82715m	0.490	ppbv	
78) Hexachloro-1,3-Butadiene	22.593	225	63454m	0.583	ppbv	
79) Naphthalene	21.358	128	84088	0.494	ppbv #	94
80) Naphthalene,2-methyl-	24.361	142	16823	0.562	ppbv #	62
81) 1,2,4-Trichlorobenzene	21.107	180	47485m	0.478	ppbv	

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

