

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041208.D
 Acq On : 3 May 2024 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 06 01:23:43 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	948367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	2455244	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2355467	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1787733 10.053 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	1339430	10.441	ppbv	100
3) Chlorodifluoromethane	2.674	51	1389847	9.649	ppbv	99
4) Chloromethane	2.809	50	552582	9.777	ppbv	96
5) Vinyl Chloride	2.915	62	552933	9.739	ppbv	99
6) Bromomethane	3.115	94	186851	9.020	ppbv	99
7) Chloroethane	3.195	64	189313	9.444	ppbv	98
8) Dichlorotetrafluoroethane	2.854	85	1306092	9.837	ppbv	99
9) Propene	2.690	41	523721	9.291	ppbv	100
10) Heptane	7.565	43	1265854	9.269	ppbv	100
11) Trichlorofluoromethane	3.555	101	1337248	10.257	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.057	101	973907	10.102	ppbv	99
13) Ethanol	3.234	45	117798	9.322	ppbv	97
14) Bromoethene	3.362	108	386160	9.705	ppbv	99
15) Acetone	3.462	43	1022251	9.133	ppbv	98
16) 1,3-Butadiene	2.980	39	559817	9.908	ppbv	98
17) tert-Butyl alcohol	3.870	59	1134521	9.397	ppbv	99
18) 1,1-Dichloroethene	3.870	96	437243	10.171	ppbv	97
19) Isopropyl Alcohol	3.568	45	751434	10.231	ppbv #	43
20) Methylene Chloride	3.925	84	369950	9.505	ppbv	97
21) Allyl Chloride	3.989	41	701879	9.617	ppbv	98
22) trans-1,2-Dichloroethene	4.436	96	453968	10.155	ppbv	99
23) Vinyl Acetate	4.616	43	1190878	9.663	ppbv	99
24) 1,1-Dichloroethane	4.555	63	964571	10.065	ppbv	97
25) Ethyl Acetate	5.192	43	2068243	9.258	ppbv	99
26) Hexane	5.201	57	910536	9.133	ppbv	99
27) Carbon Disulfide	4.115	76	1148470	9.732	ppbv	97
28) Methyl tert-Butyl Ether	4.578	73	751488	9.467	ppbv	100
29) Chloroform	5.263	83	1361973	9.903	ppbv	100
30) Cyclohexane	6.590	84	768707	9.741	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	909239	9.742	ppbv	97
32) 1,1,1-Trichloroethane	5.992	97	1356516	9.885	ppbv	99
34) 2-Butanone	4.777	43	1092508	8.742	ppbv	99
35) Carbon Tetrachloride	6.481	117	1350654	9.802	ppbv	99
36) Benzene	6.359	78	1920216	9.320	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1087077	10.112	ppbv	100
38) Trichloroethene	7.279	130	719425	9.370	ppbv	98
39) 1,2-Dichloropropane	7.060	63	752047	9.471	ppbv	99
40) 1,4-Dioxane	7.272	88	296750	10.461	ppbv	87
41) Tetrahydrofuran	5.542	42	842083	9.308	ppbv	99
42) Bromodichloromethane	7.237	83	1520766	9.864	ppbv	99
43) Methyl Methacrylate	7.459	69	779908	9.359	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3265486	9.192	ppbv	100
45) t-1,3-Dichloropropene	8.693	75	555033	9.191	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
 Data File : VL041208.D
 Acq On : 3 May 2024 8:17
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
 Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 06 01:23:43 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Fri May 03 03:34:47 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	682118	9.226	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	766947	9.650	ppbv	99
48) Dibromochloromethane	9.693	129	1266604	10.002	ppbv	100
49) Bromoform	12.394	173	1074097	9.970	ppbv	100
50) 4-Methyl-2-Pentanone	8.166	43	2015475	8.987	ppbv	99
51) 2-Hexanone	9.536	43	1473265	8.856	ppbv #	99
52) Tetrachloroethene	10.600	164	674178	9.310	ppbv	98
53) Toluene	9.205	91	2234568	9.353	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1052204	9.774	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	922511	9.659	ppbv	97
57) Chlorobenzene	11.510	112	1606749	9.314	ppbv	99
58) Ethyl Benzene	12.073	91	2937352	9.095	ppbv	98
59) m/p-Xylene	12.356	91	4956765m	18.260	ppbv	
60) o-Xylene	13.044	91	2346542	9.222	ppbv	100
61) Styrene	12.883	104	1265963	9.418	ppbv	100
62) Isopropylbenzene	14.011	105	3495815	9.185	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1642083	9.468	ppbv	99
64) n-propylbenzene	14.902	120	920015	9.689	ppbv	98
65) tert-Butylbenzene	16.076	119	3061681	8.981	ppbv	100
66) Benzyl Chloride	16.314	91	208747	5.410	ppbv	99
67) sec-Butylbenzene	16.622	105	4328861	9.021	ppbv	99
69) p-Isopropyltoluene	16.979	119	3611777	9.133	ppbv	100
70) n-Butylbenzene	17.873	91	3803512	9.209	ppbv	100
71) 2-Chlorotoluene	14.786	91	2689590	9.281	ppbv	99
72) 4-Ethyltoluene	15.179	105	2787821	9.673	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2416615	9.267	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	2637848	9.262	ppbv	98
75) 1,3-Dichlorobenzene	16.317	146	1559284	9.548	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1542079	9.819	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1528067	9.361	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	1140684	7.862	ppbv	99
79) Naphthalene	21.368	128	2641678	9.740	ppbv	98
80) Naphthalene,2-methyl-	24.361	142	835658	7.659	ppbv	100
81) 1,2,4-Trichlorobenzene	21.124	180	1313432	9.172	ppbv	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050224\
Data File : VL041208.D
Acq On : 3 May 2024 8:17
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 05/06/2024
Supervised By : Mahesh Dadoda 05/07/2024

Quant Time: May 06 01:23:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri May 03 03:34:47 2024
Response via : Initial Calibration

