

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041418.D
 Acq On : 26 Jul 2024 12:45
 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 07/29/2024
 Supervised By : Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:48:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1137452	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3106729	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3182400m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2388595 9.753 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1746785	8.927	ppbv	100
3) Chlorodifluoromethane	2.658	51	1263797	9.333	ppbv	99
4) Chloromethane	2.796	50	668932	9.288	ppbv	96
5) Vinyl Chloride	2.902	62	656261	9.245	ppbv	97
6) Bromomethane	3.105	94	344030	9.429	ppbv	95
7) Chloroethane	3.182	64	235176	9.599	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	1620724	9.348	ppbv	99
9) Propene	2.677	41	567993	9.131	ppbv	100
10) Heptane	7.568	43	1400354	10.020	ppbv	99
11) Trichlorofluoromethane	3.546	101	1611204	9.271	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.050	101	1160901	9.277	ppbv	100
13) Ethanol	3.230	45	43964m	7.908	ppbv	
14) Bromoethene	3.349	108	471598	9.667	ppbv	99
15) Acetone	3.452	43	1145750	8.865	ppbv	100
16) 1,3-Butadiene	2.970	39	650447	9.420	ppbv	100
17) tert-Butyl alcohol	3.861	59	1195023	10.139	ppbv	100
18) 1,1-Dichloroethene	3.864	96	521929	9.750	ppbv	99
19) Isopropyl Alcohol	3.558	45	734617	9.723	ppbv	99
20) Methylene Chloride	3.918	84	434940	9.025	ppbv	97
21) Allyl Chloride	3.983	41	826146	9.747	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	513313	9.591	ppbv	98
23) Vinyl Acetate	4.610	43	1047105	10.609	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1085602	9.341	ppbv	99
25) Ethyl Acetate	5.189	43	2435951	9.488	ppbv	100
26) Hexane	5.198	57	1028862	9.660	ppbv	99
27) Carbon Disulfide	4.108	76	1219200	9.785	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	633929	9.438	ppbv	99
29) Chloroform	5.259	83	1627641	9.369	ppbv	99
30) Cyclohexane	6.587	84	901886	10.398	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	1012059	9.619	ppbv	97
32) 1,1,1-Trichloroethane	5.989	97	1592542	9.417	ppbv	99
34) 2-Butanone	4.771	43	1462654	9.733	ppbv	100
35) Carbon Tetrachloride	6.481	117	1683189	9.823	ppbv	98
36) Benzene	6.356	78	2223928	9.797	ppbv	98
37) 1,2-Dichloroethane	5.793	62	1249719	9.836	ppbv	100
38) Trichloroethene	7.278	130	995320	9.570	ppbv	99
39) 1,2-Dichloropropane	7.063	63	855808	9.847	ppbv	99
40) 1,4-Dioxane	7.269	88	332729	9.530	ppbv	81
41) Tetrahydrofuran	5.542	42	873079	10.158	ppbv	99
42) Bromodichloromethane	7.237	83	1823428	9.939	ppbv	97
43) Methyl Methacrylate	7.462	69	881642	10.831	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	3695158	9.746	ppbv	99
45) t-1,3-Dichloropropene	8.696	75	862058	11.505	ppbv	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041418.D
 Acq On : 26 Jul 2024 12:45
 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 07/29/2024
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:48:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	1162490	10.744	ppbv	97
47) 1,1,2-Trichloroethane	8.886	97	929782	9.705	ppbv	97
48) Dibromochloromethane	9.696	129	1550980	10.050	ppbv	100
49) Bromoform	12.394	173	1357046	10.409	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2460154	10.376	ppbv	100
51) 2-Hexanone	9.536	43	2008095	11.200	ppbv #	99
52) Tetrachloroethene	10.606	164	855602	9.754	ppbv	98
53) Toluene	9.208	91	2634087	10.417	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1360115	10.667	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	1135334	9.199	ppbv #	57
57) Chlorobenzene	11.516	112	2055796	9.073	ppbv	99
58) Ethyl Benzene	12.076	91	3538730	9.647	ppbv	99
59) m/p-Xylene	12.362	91	6014322m	18.994	ppbv	
60) o-Xylene	13.047	91	2879240	9.612	ppbv	100
61) Styrene	12.886	104	1429605	10.579	ppbv	99
62) Isopropylbenzene	14.018	105	4196324	9.215	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.037	83	1756658	9.287	ppbv	100
64) n-propylbenzene	14.902	120	1133314	9.520	ppbv	98
65) tert-Butylbenzene	16.082	119	3781175	9.193	ppbv	99
66) Benzyl Chloride	16.317	91	268918	10.194	ppbv	98
67) sec-Butylbenzene	16.625	105	5282274	9.322	ppbv	100
69) p-Isopropyltoluene	16.982	119	4444978	9.453	ppbv	100
70) n-Butylbenzene	17.873	91	4550755	9.440	ppbv	100
71) 2-Chlorotoluene	14.789	91	3163171	9.420	ppbv	99
72) 4-Ethyltoluene	15.182	105	3514717	9.967	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2978924	9.805	ppbv	99
74) 1,2,4-Trimethylbenzene	16.095	105	3310269	9.372	ppbv	96
75) 1,3-Dichlorobenzene	16.320	146	2057162	9.265	ppbv	100
76) 1,4-Dichlorobenzene	16.461	146	1986009	9.238	ppbv	100
77) 1,2-Dichlorobenzene	17.130	146	1985499	9.021	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1522850	8.113	ppbv	99
79) Naphthalene	21.368	128	3374074	10.823	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	2634418	10.081	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1766558	9.522	ppbv	99

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

