

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:38:21 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 : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1062810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2871493	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2777367m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2024809 9.473 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	1258507	6.883	ppbv	100
3) Chlorodifluoromethane	2.684	51	1207816	9.546	ppbv	100
4) Chloromethane	2.822	50	632402	9.398	ppbv	98
5) Vinyl Chloride	2.928	62	637182	9.606	ppbv	98
6) Bromomethane	3.128	94	336641	9.875	ppbv	95
7) Chloroethane	3.205	64	228231	9.970	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	1532826	9.462	ppbv	99
9) Propene	2.703	41	540947	9.307	ppbv	99
10) Heptane	7.584	43	1350267	10.340	ppbv	100
11) Trichlorofluoromethane	3.568	101	1552232	9.559	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1108448	9.480	ppbv	99
13) Ethanol	3.253	45	38280m	7.369	ppbv	
14) Bromoethene	3.372	108	459384	10.078	ppbv	99
15) Acetone	3.475	43	1135900	9.406	ppbv	100
16) 1,3-Butadiene	2.993	39	623616	9.666	ppbv	99
17) tert-Butyl alcohol	3.883	59	1146447	10.410	ppbv	100
18) 1,1-Dichloroethene	3.886	96	497709	9.951	ppbv	100
19) Isopropyl Alcohol	3.581	45	678576	9.612	ppbv #	97
20) Methylene Chloride	3.938	84	429936	9.548	ppbv	98
21) Allyl Chloride	4.002	41	774586	9.781	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	493428	9.866	ppbv	99
23) Vinyl Acetate	4.629	43	979409	10.620	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	1051048	9.679	ppbv	100
25) Ethyl Acetate	5.208	43	2437212	10.159	ppbv	99
26) Hexane	5.218	57	1019915	10.249	ppbv	99
27) Carbon Disulfide	4.131	76	1167864	10.031	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	595733	9.492	ppbv	99
29) Chloroform	5.282	83	1566002	9.647	ppbv	98
30) Cyclohexane	6.603	84	881458	10.877	ppbv	97
31) cis-1,2-Dichloroethene	5.083	61	974229	9.910	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1542620	9.763	ppbv	100
34) 2-Butanone	4.790	43	1457672	10.494	ppbv	100
35) Carbon Tetrachloride	6.497	117	1634027	10.317	ppbv	99
36) Benzene	6.375	78	2145140	10.224	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1198946	10.209	ppbv	100
38) Trichloroethene	7.295	130	1008526	10.492	ppbv	96
39) 1,2-Dichloropropane	7.076	63	822920	10.244	ppbv	98
40) 1,4-Dioxane	7.288	88	308350	9.556	ppbv	70
41) Tetrahydrofuran	5.558	42	856663	10.783	ppbv	99
42) Bromodichloromethane	7.256	83	1721589	10.153	ppbv	99
43) Methyl Methacrylate	7.478	69	859779	11.427	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3616874	10.321	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	862518	12.455	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
 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 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:38:21 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 : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1176381	11.763	ppbv	96
47) 1,1,2-Trichloroethane	8.902	97	895437	10.113	ppbv	97
48) Dibromochloromethane	9.713	129	1489985	10.445	ppbv	100
49) Bromoform	12.413	173	1309948	10.871	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2395955	10.933	ppbv	100
51) 2-Hexanone	9.552	43	1958657	11.820	ppbv #	99
52) Tetrachloroethene	10.619	164	817587	10.084	ppbv	99
53) Toluene	9.227	91	2521227	10.788	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1299818	11.029	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1098631	10.200	ppbv #	57
57) Chlorobenzene	11.532	112	1969123	9.958	ppbv	99
58) Ethyl Benzene	12.092	91	3416674	10.673	ppbv	98
59) m/p-Xylene	12.378	91	5827239m	21.087	ppbv	
60) o-Xylene	13.063	91	2776012	10.619	ppbv	100
61) Styrene	12.902	104	1372403	11.637	ppbv	98
62) Isopropylbenzene	14.034	105	4057993	10.211	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1688321	10.228	ppbv	99
64) n-propylbenzene	14.918	120	1076976	10.366	ppbv	94
65) tert-Butylbenzene	16.092	119	3668677	10.220	ppbv	100
66) Benzyl Chloride	16.326	91	289538	12.576	ppbv	98
67) sec-Butylbenzene	16.638	105	5109400	10.331	ppbv	100
69) p-Isopropyltoluene	16.998	119	4320207	10.527	ppbv	100
70) n-Butylbenzene	17.889	91	4442990	10.561	ppbv	100
71) 2-Chlorotoluene	14.806	91	3033544	10.351	ppbv	99
72) 4-Ethyltoluene	15.198	105	3337124	10.843	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2882009	10.870	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3211840	10.420	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	1988978	10.265	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	1938595	10.332	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1934600	10.071	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1483142	9.054	ppbv	99
79) Naphthalene	21.384	128	3290255	12.093	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	2826370	12.393	ppbv	99
81) 1,2,4-Trichlorobenzene	21.143	180	1729097	10.680	ppbv	100

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

