

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041559.D
 Acq On : 21 Aug 2024 9:09
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/23/2024
 Supervised By : Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:07:39 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 01:07:39 2024

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1086878	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2893733	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2935875m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2122686 9.395 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	1250181	6.686	ppbv	99
3) Chlorodifluoromethane	2.687	51	1034422	7.995	ppbv	97
4) Chloromethane	2.825	50	563919	8.194	ppbv	100
5) Vinyl Chloride	2.931	62	563006	8.300	ppbv	100
6) Bromomethane	3.131	94	231942	6.653	ppbv	92
7) Chloroethane	3.208	64	193029	8.246	ppbv	96
8) Dichlorotetrafluoroethane	2.870	85	1316354	7.945	ppbv	98
9) Propene	2.706	41	497039	8.362	ppbv	100
10) Heptane	7.581	43	1208323	9.048	ppbv	99
11) Trichlorofluoromethane	3.571	101	1314212	7.914	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.076	101	965306	8.073	ppbv	100
13) Ethanol	3.259	45	36133m	6.802	ppbv	
14) Bromoethene	3.375	108	400636	8.594	ppbv	100
15) Acetone	3.478	43	971346	7.866	ppbv	99
16) 1,3-Butadiene	2.996	39	541188	8.202	ppbv	97
17) tert-Butyl alcohol	3.883	59	1140296	10.125	ppbv	100
18) 1,1-Dichloroethene	3.886	96	437599	8.555	ppbv	99
19) Isopropyl Alcohol	3.584	45	656119	9.088	ppbv	99
20) Methylene Chloride	3.941	84	351799	7.639	ppbv	98
21) Allyl Chloride	4.002	41	702572	8.675	ppbv	98
22) trans-1,2-Dichloroethene	4.452	96	439260	8.589	ppbv	99
23) Vinyl Acetate	4.632	43	845801	8.968	ppbv	99
24) 1,1-Dichloroethane	4.568	63	939439	8.460	ppbv	99
25) Ethyl Acetate	5.208	43	2154065	8.780	ppbv	99
26) Hexane	5.218	57	901666	8.860	ppbv	99
27) Carbon Disulfide	4.131	76	1038686	8.724	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	588772	9.174	ppbv	99
29) Chloroform	5.279	83	1336764	8.053	ppbv	97
30) Cyclohexane	6.603	84	755129	9.111	ppbv	99
31) cis-1,2-Dichloroethene	5.082	61	890622	8.859	ppbv	94
32) 1,1,1-Trichloroethane	6.005	97	1300796	8.050	ppbv	100
34) 2-Butanone	4.793	43	1215997	8.687	ppbv	97
35) Carbon Tetrachloride	6.497	117	1335386	8.367	ppbv	96
36) Benzene	6.372	78	1889961	8.938	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1023612	8.649	ppbv	100
38) Trichloroethene	7.291	130	890484	9.193	ppbv	97
39) 1,2-Dichloropropane	7.076	63	731909	9.041	ppbv	98
40) 1,4-Dioxane	7.295	88	287158	8.830	ppbv	81
41) Tetrahydrofuran	5.562	42	792841	9.903	ppbv	99
42) Bromodichloromethane	7.253	83	1458460	8.535	ppbv	99
43) Methyl Methacrylate	7.475	69	752897	9.930	ppbv	97
44) 2,2,4-Trimethylpentane	7.327	57	3195555	9.048	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	616199	8.829	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

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Quant Time: Aug 22 01:07:39 2024

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 22 16:48:07 2024

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	857056	8.504	ppbv	98
47) 1,1,2-Trichloroethane	8.899	97	781517	8.758	ppbv	95
48) Dibromochloromethane	9.713	129	1283291	8.927	ppbv	100
49) Bromoform	12.407	173	1196073	9.850	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2115954	9.581	ppbv	100
51) 2-Hexanone	9.552	43	1705846	10.215	ppbv	100
52) Tetrachloroethene	10.616	164	719801	8.810	ppbv	97
53) Toluene	9.221	91	2215076	9.405	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1071711	9.023	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	947815	8.325	ppbv #	54
57) Chlorobenzene	11.526	112	1721709	8.237	ppbv	99
58) Ethyl Benzene	12.089	91	3031304	8.958	ppbv	98
59) m/p-Xylene	12.372	91	5147525m	17.621	ppbv	
60) o-Xylene	13.056	91	2475304	8.957	ppbv	100
61) Styrene	12.896	104	1227266	9.844	ppbv	99
62) Isopropylbenzene	14.027	105	3663004	8.720	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.044	83	1493266	8.558	ppbv	100
64) n-propylbenzene	14.915	120	989839	9.013	ppbv	94
65) tert-Butylbenzene	16.088	119	3419143	9.011	ppbv	99
66) Benzyl Chloride	16.326	91	219411	9.016	ppbv	99
67) sec-Butylbenzene	16.632	105	4886350	9.347	ppbv	100
69) p-Isopropyltoluene	16.992	119	4150531	9.568	ppbv	100
70) n-Butylbenzene	17.886	91	4404013	9.903	ppbv	100
71) 2-Chlorotoluene	14.799	91	2825229	9.120	ppbv	99
72) 4-Ethyltoluene	15.188	105	3102925	9.538	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2686160	9.584	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	3028651	9.295	ppbv	96
75) 1,3-Dichlorobenzene	16.326	146	1930990	9.427	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1876362	9.461	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1954438	9.625	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1582340	9.138	ppbv	99
79) Naphthalene	21.384	128	3472988	12.076	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	1544585	6.407	ppbv	99
81) 1,2,4-Trichlorobenzene	21.136	180	1809109	10.571	ppbv	100

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

