

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041786.D
 Acq On : 17 Dec 2024 18:52
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Dec 21 01:25:59 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

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

Internal Standards						
1) Bromochloromethane	2.790	49	57591	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	145725	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	125895	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 109957 10.481 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	123395	12.041	ppbv	97
3) Chlorodifluoromethane	1.476	51	101480	10.805	ppbv	98
4) Chloromethane	1.534	50	45951	11.460	ppbv	100
5) Vinyl Chloride	1.580	62	42950	10.632	ppbv	98
6) Bromomethane	1.667	94	20966	10.998	ppbv	97
7) Chloroethane	1.706	64	17732	11.300	ppbv	95
8) Dichlorotetrafluoroethane	1.554	85	106495	11.611	ppbv	96
9) Propene	1.486	41	37777	9.280	ppbv	99
10) Heptane	4.985	43	101383	9.696	ppbv	99
11) Trichlorofluoromethane	1.877	101	127950	11.755	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	92386	11.159	ppbv	97
13) Ethanol	1.722	45	2317	6.874	ppbv	96
14) Bromoethene	1.784	108	30269	10.830	ppbv	95
15) Acetone	1.835	43	105088	9.378	ppbv	99
16) 1,3-Butadiene	1.609	39	49736	11.272	ppbv	95
17) tert-Butyl alcohol	2.043	59	121764	10.954	ppbv	99
18) 1,1-Dichloroethene	2.036	96	38379	11.058	ppbv	92
19) Isopropyl Alcohol	1.887	45	53341	7.933	ppbv #	37
20) Methylene Chloride	2.062	84	32698	10.233	ppbv	94
21) Allyl Chloride	2.098	41	67872	11.168	ppbv	96
22) trans-1,2-Dichloroethene	2.344	96	41997	10.571	ppbv	97
23) Vinyl Acetate	2.463	43	43980	8.453	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	90706	11.278	ppbv	99
25) Ethyl Acetate	2.839	43	213781	10.256	ppbv	99
26) Hexane	2.829	57	79108	10.000	ppbv	95
27) Carbon Disulfide	2.153	76	73773	10.349	ppbv #	92
28) Methyl tert-Butyl Ether	2.441	73	64839	10.103	ppbv	100
29) Chloroform	2.852	83	134897	11.190	ppbv	98
30) Cyclohexane	3.862	84	65188	9.685	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	84149	10.294	ppbv	96
32) 1,1,1-Trichloroethane	3.370	97	133117	10.862	ppbv	98
34) 2-Butanone	2.560	43	124022	10.579	ppbv	100
35) Carbon Tetrachloride	3.768	117	133687	12.923	ppbv	96
36) Benzene	3.661	78	158285	10.501	ppbv	96
37) 1,2-Dichloroethane	3.224	62	110126	11.741	ppbv	99
38) Trichloroethene	4.554	130	63096	9.861	ppbv	97
39) 1,2-Dichloropropane	4.318	63	56099	10.290	ppbv	97
40) 1,4-Dioxane	4.593	88	25169	9.451	ppbv #	97
41) Tetrahydrofuran	3.059	42	64798	9.866	ppbv	97
42) Bromodichloromethane	4.496	83	130888	12.130	ppbv	99
43) Methyl Methacrylate	4.888	69	60098	10.464	ppbv	97
44) 2,2,4-Trimethylpentane	4.648	57	277393	10.775	ppbv	97
45) t-1,3-Dichloropropene	6.425	75	57726	9.717	ppbv	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	73396	9.732	ppbv	91
47) 1,1,2-Trichloroethane	6.590	97	62282	10.937	ppbv	95
48) Dibromochloromethane	7.396	129	91448	11.761	ppbv	100
49) Bromoform	9.490	173	73172	11.496	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	170674	10.692	ppbv	98
51) 2-Hexanone	7.444	43	131517	10.165	ppbv #	97
52) Tetrachloroethene	8.231	164	52813	9.413	ppbv	95
53) Toluene	6.940	91	174785	10.227	ppbv	100
54) 1,2-Dibromoethane	7.661	107	84441	10.762	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.930	131	79442	11.903	ppbv	99
57) Chlorobenzene	8.927	112	138290	10.734	ppbv	92
58) Ethyl Benzene	9.361	91	249961	11.028	ppbv	100
59) m/p-Xylene	9.539	91	413082m	22.667	ppbv	
60) o-Xylene	9.969	91	209686	11.474	ppbv	99
61) Styrene	9.875	104	86798	10.984	ppbv	99
62) Isopropylbenzene	10.545	105	307607	11.203	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	123835	10.825	ppbv	99
64) n-propylbenzene	10.992	120	78082	11.247	ppbv	98
65) tert-Butylbenzene	11.536	119	271660	10.966	ppbv	96
66) Benzyl Chloride	11.620	91	16378	7.506	ppbv #	94
67) sec-Butylbenzene	11.772	105	377240	11.004	ppbv	100
69) p-Isopropyltoluene	11.930	119	298176	10.554	ppbv	98
70) n-Butylbenzene	12.287	91	291742	10.688	ppbv	99
71) 2-Chlorotoluene	10.908	91	222910	10.636	ppbv	99
72) 4-Ethyltoluene	11.131	105	246896	11.445	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	202154	11.295	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	218951	11.376	ppbv	99
75) 1,3-Dichlorobenzene	11.613	146	121687	9.917	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	120970	9.980	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	116456	9.864	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	73856	8.437	ppbv	100
79) Naphthalene	13.516	128	151466	11.295	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	57244	13.801	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	71736	9.790	ppbv	99

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

