

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041366.D
 Acq On : 26 Jun 2024 19:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 27 09:19:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jun 27 09:18:04 2024
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	95	0.03
2 T	Dichlorodifluoromethane	1.706	1.726	-1.2	115	0.05
3	Chlorodifluoromethane	1.724	1.464	15.1	95	0.05
4	Chloromethane	0.659	0.561	14.9	94	0.05
5 T	Vinyl Chloride	0.712	0.582	18.3	94	0.05
6 T	Bromomethane	0.225	0.140	37.8#	66	0.04
7	Chloroethane	0.235	0.193	17.9	92	0.04
8 T	Dichlorotetrafluoroethane	1.659	1.469	11.5	99	0.05
9 T	Propene	0.597	0.500	16.2	93	0.05
10 T	Heptane	1.401	1.246	11.1	95	0.02
11 T	Trichlorofluoromethane	1.661	1.474	11.3	98	0.04
12 T	1,1,2-Trichlorotrifluoroeth	1.164	1.016	12.7	97	0.04
13	Ethanol	0.132	0.123	6.8	104	0.04
14 T	Bromoethene	0.467	0.419	10.3	94	0.04
15 T	Acetone	1.321	1.087	17.7	97	0.04
16 T	1,3-Butadiene	0.629	0.586	6.8	93	0.05
17	tert-Butyl alcohol	1.019	1.036	-1.7	103	0.04
18 T	1,1-Dichloroethene	0.512	0.457	10.7	94	0.04
19 T	Isopropyl Alcohol	0.725	0.785	-8.3	121	0.04
20 T	Methylene Chloride	0.479	0.388	19.0	98	0.04
21 T	Allyl Chloride	0.797	0.648	18.7	86	0.04
22 T	trans-1,2-Dichloroethene	0.508	0.444	12.6	93	0.04
23 T	Vinyl Acetate	1.302	1.254	3.7	97	0.04
24 T	1,1-Dichloroethane	1.129	0.960	15.0	93	0.04
25 T	Ethyl Acetate	2.432	2.107	13.4	96	0.03
26 T	Hexane	1.077	0.925	14.1	94	0.03
27 T	Carbon Disulfide	1.310	1.198	8.5	95	0.04
28 T	Methyl tert-Butyl Ether	0.799	0.712	10.9	96	0.04
29 T	Chloroform	1.661	1.452	12.6	98	0.03
30 T	Cyclohexane	0.858	0.783	8.7	96	0.03
31 T	cis-1,2-Dichloroethene	1.032	0.926	10.3	95	0.03
32 T	1,1,1-Trichloroethane	1.744	1.452	16.7	98	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.02
34 T	2-Butanone	0.528	0.480	9.1	94	0.03
35 T	Carbon Tetrachloride	0.660	0.574	13.0	99	0.02
36 T	Benzene	0.828	0.736	11.1	95	0.03
37 T	1,2-Dichloroethane	0.475	0.430	9.5	97	0.03
38 T	Trichloroethene	0.361	0.287	20.5	97	0.02
39 T	1,2-Dichloropropane	0.320	0.285	10.9	96	0.02
40 T	1,4-Dioxane	0.103	0.113	-9.7	135	0.02
41 T	Tetrahydrofuran	0.327	0.297	9.2	92	0.03
42 T	Bromodichloromethane	0.664	0.619	6.8	98	0.02
43	Methyl Methacrylate	0.311	0.298	4.2	96	0.02
44 T	2,2,4-Trimethylpentane	1.406	1.236	12.1	96	0.02
45 T	t-1,3-Dichloropropene	0.197	0.137	30.5#	64	0.02
46 T	cis-1,3-Dichloropropene	0.265	0.197	25.7	74	0.02
47 T	1,1,2-Trichloroethane	0.343	0.302	12.0	96	0.02
48 T	Dibromochloromethane	0.551	0.521	5.4	98	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.439	0.442	-0.7	101	0.00
50 T	4-Methyl-2-Pentanone	0.847	0.779	8.0	97	0.02
51 T	2-Hexanone	0.602	0.554	8.0	96	0.01
52 T	Tetrachloroethene	0.332	0.267	19.6	98	0.01
53 T	Toluene	0.933	0.853	8.6	94	0.01
54 T	1,2-Dibromoethane	0.425	0.371	12.7	89	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.01
56	1,1,1,2-Tetrachloroethane	0.450	0.406	9.8	98	0.01
57 T	Chlorobenzene	0.784	0.705	10.1	99	0.00
58 T	Ethyl Benzene	1.338	1.250	6.6	98	0.00
59 T	m/p-Xylene	1.158	1.063	8.2	97	0.01
60 T	o-Xylene	1.093	1.017	7.0	100	0.00
61 T	Styrene	0.531	0.530	0.2	96	0.00
62	Isopropylbenzene	1.687	1.528	9.4	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.861	0.729	15.3	100	0.00
64	n-propylbenzene	0.440	0.408	7.3	99	0.00
65	tert-Butylbenzene	1.502	1.366	9.1	99	0.00
66 T	Benzyl Chloride	0.099	0.061	38.4#	63	0.00
67	sec-Butylbenzene	2.125	1.957	7.9	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.750	0.775	-3.3	97	0.00
69	p-Isopropyltoluene	1.755	1.641	6.5	100	0.00
70	n-Butylbenzene	1.794	1.707	4.8	100	0.00
71	2-Chlorotoluene	1.253	1.187	5.3	101	0.00
72 T	4-Ethyltoluene	1.302	1.241	4.7	100	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.085	2.6	101	0.00
74 T	1,2,4-Trimethylbenzene	1.255	1.197	4.6	100	0.00
75 T	1,3-Dichlorobenzene	0.745	0.721	3.2	102	0.00
76 T	1,4-Dichlorobenzene	0.742	0.704	5.1	100	0.00
77 T	1,2-Dichlorobenzene	0.759	0.707	6.9	102	0.00
78 T	Hexachloro-1,3-Butadiene	0.552	0.398	27.9	88	0.00
79 T	Naphthalene	0.675	0.571	15.4	67	0.00
80 T	Naphthalene,2-methyl-	0.002	0.000#	100.0#	16#	0.04
81 T	1,2,4-Trichlorobenzene	0.417	0.341	18.2	75	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0