

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040774.D
 Acq On : 12 Oct 2023 8:34
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 13 01:22:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 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	78	0.00
2 T	Dichlorodifluoromethane	1.761	1.823	-3.5	85	0.00
3	Chlorodifluoromethane	1.470	1.511	-2.8	85	0.00
4	Chloromethane	0.580	0.582	-0.3	82	0.00
5 T	Vinyl Chloride	0.600	0.579	3.5	80	0.00
6 T	Bromomethane	0.248	0.237	4.4	77	0.00
7	Chloroethane	0.195	0.197	-1.0	79	0.00
8 T	Dichlorotetrafluoroethane	1.335	1.409	-5.5	85	0.00
9 T	Propene	0.546	0.560	-2.6	83	0.00
10 T	Heptane	1.371	1.380	-0.7	83	0.00
11 T	Trichlorofluoromethane	1.359	1.434	-5.5	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.969	1.025	-5.8	85	0.00
13	Ethanol	0.123	0.097	21.1	68	0.00
14 T	Bromoethene	0.415	0.450	-8.4	84	0.00
15 T	Acetone	1.034	1.002	3.1	82	0.00
16 T	1,3-Butadiene	0.542	0.552	-1.8	78	0.00
17	tert-Butyl alcohol	1.060	1.087	-2.5	75	0.00
18 T	1,1-Dichloroethene	0.434	0.461	-6.2	85	0.00
19 T	Isopropyl Alcohol	0.665	0.727	-9.3	83	0.00
20 T	Methylene Chloride	0.431	0.385	10.7	86	0.00
21 T	Allyl Chloride	0.682	0.689	-1.0	77	0.00
22 T	trans-1,2-Dichloroethene	0.462	0.491	-6.3	85	0.00
23 T	Vinyl Acetate	1.317	1.250	5.1	77	0.00
24 T	1,1-Dichloroethane	0.994	0.994	0.0	82	0.00
25 T	Ethyl Acetate	2.265	2.261	0.2	82	0.00
26 T	Hexane	1.035	1.006	2.8	82	0.00
27 T	Carbon Disulfide	1.142	1.205	-5.5	82	0.00
28 T	Methyl tert-Butyl Ether	0.805	0.775	3.7	78	0.00
29 T	Chloroform	1.498	1.543	-3.0	85	0.00
30 T	Cyclohexane	0.881	0.885	-0.5	82	0.00
31 T	cis-1,2-Dichloroethene	0.954	0.995	-4.3	84	0.00
32 T	1,1,1-Trichloroethane	1.594	1.613	-1.2	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
34 T	2-Butanone	0.453	0.403	11.0	83	0.00
35 T	Carbon Tetrachloride	0.561	0.601	-7.1	87	0.00
36 T	Benzene	0.769	0.783	-1.8	83	0.00
37 T	1,2-Dichloroethane	0.394	0.424	-7.6	86	0.00
38 T	Trichloroethene	0.340	0.304	10.6	83	0.00
39 T	1,2-Dichloropropane	0.301	0.304	-1.0	82	0.00
40 T	1,4-Dioxane	0.114	0.129	-13.2	91	0.00
41 T	Tetrahydrofuran	0.313	0.322	-2.9	81	0.00
42 T	Bromodichloromethane	0.590	0.629	-6.6	85	0.00
43	Methyl Methacrylate	0.308	0.323	-4.9	83	0.00
44 T	2,2,4-Trimethylpentane	1.301	1.274	2.1	82	0.00
45 T	t-1,3-Dichloropropene	0.246	0.226	8.1	66	0.00
46 T	cis-1,3-Dichloropropene	0.300	0.275	8.3	70	0.00
47 T	1,1,2-Trichloroethane	0.316	0.327	-3.5	85	0.00
48 T	Dibromochloromethane	0.529	0.574	-8.5	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.463	-7.7	81	0.00
50 T	4-Methyl-2-Pentanone	0.774	0.797	-3.0	83	0.00
51 T	2-Hexanone	0.589	0.599	-1.7	81	0.00
52 T	Tetrachloroethene	0.312	0.292	6.4	82	0.00
53 T	Toluene	0.915	0.911	0.4	84	0.00
54 T	1,2-Dibromoethane	0.443	0.460	-3.8	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
56	1,1,1,2-Tetrachloroethane	0.408	0.419	-2.7	84	0.00
57 T	Chlorobenzene	0.716	0.716	0.0	84	0.00
58 T	Ethyl Benzene	1.259	1.255	0.3	84	0.00
59 T	m/p-Xylene	1.036	1.028	0.8	84	0.00
60 T	o-Xylene	0.987	0.965	2.2	83	0.00
61 T	Styrene	0.547	0.565	-3.3	82	0.00
62	Isopropylbenzene	1.519	1.495	1.6	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.740	0.684	7.6	84	0.00
64	n-propylbenzene	0.408	0.406	0.5	83	0.00
65	tert-Butylbenzene	1.370	1.304	4.8	84	0.00
66 T	Benzyl Chloride	0.138	0.087	37.0#	41	0.00
67	sec-Butylbenzene	1.876	1.824	2.8	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.736	0.741	-0.7	79	0.00
69	p-Isopropyltoluene	1.572	1.525	3.0	83	0.00
70	n-Butylbenzene	1.543	1.537	0.4	85	0.00
71	2-Chlorotoluene	1.141	1.131	0.9	84	0.00
72 T	4-Ethyltoluene	1.156	1.196	-3.5	84	0.00
73 T	1,3,5-Trimethylbenzene	1.018	1.021	-0.3	83	0.00
74 T	1,2,4-Trimethylbenzene	1.112	1.097	1.3	84	0.00
75 T	1,3-Dichlorobenzene	0.692	0.686	0.9	83	0.00
76 T	1,4-Dichlorobenzene	0.685	0.678	1.0	83	0.00
77 T	1,2-Dichlorobenzene	0.679	0.655	3.5	81	0.00
78 T	Hexachloro-1,3-Butadiene	0.486	0.409	15.8	79	0.00
79 T	Naphthalene	0.904	1.007	-11.4	83	0.00
80 T	Naphthalene,2-methyl-	0.254	0.307	-20.9	76	0.00
81 T	1,2,4-Trichlorobenzene	0.491	0.504	-2.6	82	0.00

(#) = Out of Range

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