

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039844.D
 Acq On : 9 Nov 2022 11:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 10 03:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 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	94	-0.02
2 T	Dichlorodifluoromethane	1.688	1.281	24.1	78	0.00
3	Chlorodifluoromethane	1.192	1.249	-4.8	96	0.00
4	Chloromethane	0.742	0.722	2.7	88	0.00
5 T	Vinyl Chloride	0.601	0.627	-4.3	89	0.00
6 T	Bromomethane	0.214	0.225	-5.1	94	0.00
7	Chloroethane	0.225	0.219	2.7	87	-0.01
8 T	Dichlorotetrafluoroethane	1.439	1.477	-2.6	95	0.00
9 T	Propene	0.621	0.575	7.4	86	0.00
10 T	Heptane	1.488	1.429	4.0	88	-0.02
11 T	Trichlorofluoromethane	1.377	1.528	-11.0	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	1.070	-7.6	96	-0.01
13	Ethanol	0.044	0.037#	15.9	90	0.00
14 T	Bromoethene	0.445	0.459	-3.1	93	0.00
15 T	Acetone	1.217	0.979	19.6	85	0.00
16 T	1,3-Butadiene	0.566	0.563	0.5	89	0.00
17	tert-Butyl alcohol	1.159	1.027	11.4	76	0.00
18 T	1,1-Dichloroethene	0.456	0.491	-7.7	96	0.00
19 T	Isopropyl Alcohol	0.602	0.526	12.6	76	0.00
20 T	Methylene Chloride	0.435	0.418	3.9	93	-0.01
21 T	Allyl Chloride	0.770	0.735	4.5	83	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.527	-13.8	100	-0.01
23 T	Vinyl Acetate	0.485	0.421	13.2	81	-0.01
24 T	1,1-Dichloroethane	0.990	0.999	-0.9	91	-0.01
25 T	Ethyl Acetate	2.507	2.397	4.4	85	-0.02
26 T	Hexane	1.118	1.029	8.0	86	-0.02
27 T	Carbon Disulfide	1.174	1.255	-6.9	91	-0.01
28 T	Methyl tert-Butyl Ether	1.012	0.998	1.4	90	-0.01
29 T	Chloroform	1.572	1.697	-8.0	97	-0.01
30 T	Cyclohexane	0.935	0.912	2.5	90	-0.02
31 T	cis-1,2-Dichloroethene	1.019	0.802	21.3	70	-0.01
32 T	1,1,1-Trichloroethane	1.565	1.713	-9.5	97	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	-0.02
34 T	2-Butanone	0.413	0.430	-4.1	88	-0.01
35 T	Carbon Tetrachloride	0.583	0.659	-13.0	93	-0.02
36 T	Benzene	0.844	0.878	-4.0	89	-0.02
37 T	1,2-Dichloroethane	0.405	0.505	-24.7	102	-0.02
38 T	Trichloroethene	0.452	0.458	-1.3	87	-0.02
39 T	1,2-Dichloropropane	0.329	0.350	-6.4	91	-0.02
40 T	1,4-Dioxane	0.126	0.134	-6.3	87	-0.02
41 T	Tetrahydrofuran	0.345	0.354	-2.6	87	-0.01
42 T	Bromodichloromethane	0.646	0.744	-15.2	96	-0.02
43	Methyl Methacrylate	0.333	0.355	-6.6	88	-0.02
44 T	2,2,4-Trimethylpentane	1.424	1.465	-2.9	90	-0.02
45 T	t-1,3-Dichloropropene	0.319	0.354	-11.0	84	-0.02
46 T	cis-1,3-Dichloropropene	0.436	0.469	-7.6	85	-0.02
47 T	1,1,2-Trichloroethane	0.333	0.348	-4.5	90	-0.03
48 T	Dibromochloromethane	0.567	0.575	-1.4	85	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.427	6.4	76	-0.02
50 T	4-Methyl-2-Pentanone	0.845	0.901	-6.6	90	-0.02
51 T	2-Hexanone	0.659	0.717	-8.8	89	-0.02
52 T	Tetrachloroethene	0.316	0.285	9.8	80	-0.03
53 T	Toluene	0.968	0.972	-0.4	86	-0.02
54 T	1,2-Dibromoethane	0.369	0.414	-12.2	90	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.02
56	1,1,1,2-Tetrachloroethane	0.428	0.416	2.8	85	-0.02
57 T	Chlorobenzene	0.759	0.719	5.3	83	-0.02
58 T	Ethyl Benzene	1.352	1.337	1.1	86	-0.02
59 T	m/p-Xylene	1.129	1.104	2.2	87	-0.03
60 T	o-Xylene	1.069	1.040	2.7	86	-0.02
61 T	Styrene	0.658	0.635	3.5	81	-0.03
62	Isopropylbenzene	1.560	1.457	6.6	83	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.398	0.368	7.5	85	-0.02
64	n-propylbenzene	0.417	0.374	10.3	78	-0.02
65	tert-Butylbenzene	1.370	1.184	13.6	79	-0.03
66 T	Benzyl Chloride	0.159	0.099	37.7#	48	-0.02
67	sec-Butylbenzene	1.864	1.710	8.3	82	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.748	0.828	-10.7	99	-0.02
69	p-Isopropyltoluene	1.546	1.333	13.8	76	-0.02
70	n-Butylbenzene	1.495	1.437	3.9	84	-0.02
71	2-Chlorotoluene	1.172	1.128	3.8	84	-0.02
72 T	4-Ethyltoluene	1.204	1.133	5.9	80	-0.02
73 T	1,3,5-Trimethylbenzene	1.067	1.006	5.7	80	-0.02
74 T	1,2,4-Trimethylbenzene	1.134	1.063	6.3	82	-0.02
75 T	1,3-Dichlorobenzene	0.662	0.592	10.6	76	-0.02
76 T	1,4-Dichlorobenzene	0.650	0.571	12.2	76	-0.02
77 T	1,2-Dichlorobenzene	0.624	0.553	11.4	76	-0.02
78 T	Hexachloro-1,3-Butadiene	0.462	0.379	18.0	81	-0.03
79 T	Naphthalene	0.825	0.861	-4.4	90	-0.03
80 T	Naphthalene,2-methyl-	0.350	0.288	17.7	69	-0.02
81 T	1,2,4-Trichlorobenzene	0.461	0.442	4.1	87	-0.03

(#) = Out of Range

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