

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039864.D
 Acq On : 10 Nov 2022 9:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 11 04:41:28 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	92	0.00
2 T	Dichlorodifluoromethane	1.688	1.316	22.0	79	0.00
3	Chlorodifluoromethane	1.192	1.272	-6.7	96	0.00
4	Chloromethane	0.742	0.613	17.4	73	0.00
5 T	Vinyl Chloride	0.601	0.587	2.3	82	0.00
6 T	Bromomethane	0.214	0.233	-8.9	95	0.00
7	Chloroethane	0.225	0.209	7.1	82	0.00
8 T	Dichlorotetrafluoroethane	1.439	1.418	1.5	90	0.00
9 T	Propene	0.621	0.528	15.0	78	0.00
10 T	Heptane	1.488	1.359	8.7	82	0.00
11 T	Trichlorofluoromethane	1.377	1.533	-11.3	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.994	1.075	-8.1	94	0.00
13	Ethanol	0.044	0.027#	38.6#	64	0.00
14 T	Bromoethene	0.445	0.407	8.5	81	0.00
15 T	Acetone	1.217	0.963	20.9	82	0.00
16 T	1,3-Butadiene	0.566	0.539	4.8	83	0.00
17	tert-Butyl alcohol	1.159	0.935	19.3	68	0.00
18 T	1,1-Dichloroethene	0.456	0.466	-2.2	89	0.00
19 T	Isopropyl Alcohol	0.602	0.435	27.7	62	0.00
20 T	Methylene Chloride	0.435	0.378	13.1	83	0.00
21 T	Allyl Chloride	0.770	0.670	13.0	74	0.00
22 T	trans-1,2-Dichloroethene	0.463	0.481	-3.9	89	0.00
23 T	Vinyl Acetate	0.485	0.230	52.6#	43	0.00
24 T	1,1-Dichloroethane	0.990	0.963	2.7	86	0.00
25 T	Ethyl Acetate	2.507	2.602	-3.8	91	0.00
26 T	Hexane	1.118	0.948	15.2	78	0.00
27 T	Carbon Disulfide	1.174	1.096	6.6	78	0.00
28 T	Methyl tert-Butyl Ether	1.012	0.924	8.7	82	0.00
29 T	Chloroform	1.572	1.608	-2.3	90	0.00
30 T	Cyclohexane	0.935	0.780	16.6	76	0.00
31 T	cis-1,2-Dichloroethene	1.019	0.851	16.5	73	0.00
32 T	1,1,1-Trichloroethane	1.565	1.599	-2.2	89	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
34 T	2-Butanone	0.413	0.468	-13.3	83	0.00
35 T	Carbon Tetrachloride	0.583	0.683	-17.2	84	0.00
36 T	Benzene	0.844	0.869	-3.0	76	0.00
37 T	1,2-Dichloroethane	0.405	0.570	-40.7#	100	0.00
38 T	Trichloroethene	0.452	0.369	18.4	60	0.00
39 T	1,2-Dichloropropane	0.329	0.367	-11.6	83	0.00
40 T	1,4-Dioxane	0.126	0.126	0.0	70	0.00
41 T	Tetrahydrofuran	0.345	0.362	-4.9	77	0.00
42 T	Bromodichloromethane	0.646	0.784	-21.4	88	0.00
43	Methyl Methacrylate	0.333	0.374	-12.3	80	0.00
44 T	2,2,4-Trimethylpentane	1.424	1.556	-9.3	83	0.00
45 T	t-1,3-Dichloropropene	0.319	0.282	11.6	58	0.00
46 T	cis-1,3-Dichloropropene	0.436	0.419	3.9	66	0.00
47 T	1,1,2-Trichloroethane	0.333	0.360	-8.1	80	0.00
48 T	Dibromochloromethane	0.567	0.609	-7.4	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.456	0.476	-4.4	73	0.00
50 T	4-Methyl-2-Pentanone	0.845	0.984	-16.4	85	0.00
51 T	2-Hexanone	0.659	0.761	-15.5	82	0.00
52 T	Tetrachloroethene	0.316	0.283	10.4	69	0.00
53 T	Toluene	0.968	0.975	-0.7	75	0.00
54 T	1,2-Dibromoethane	0.369	0.468	-26.8	88	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.428	0.464	-8.4	82	0.00
57 T	Chlorobenzene	0.759	0.724	4.6	72	0.00
58 T	Ethyl Benzene	1.352	1.404	-3.8	78	0.00
59 T	m/p-Xylene	1.129	1.181	-4.6	80	0.00
60 T	o-Xylene	1.069	1.142	-6.8	81	0.00
61 T	Styrene	0.658	0.639	2.9	70	0.00
62	Isopropylbenzene	1.560	1.686	-8.1	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.398	0.684	-71.9#	136	0.00
64	n-propylbenzene	0.417	0.422	-1.2	76	0.00
65	tert-Butylbenzene	1.370	1.437	-4.9	82	0.00
66 T	Benzyl Chloride	0.159	0.056	64.8#	23	0.00
67	sec-Butylbenzene	1.864	2.079	-11.5	86	0.00
68 S	1-Bromo-4-Fluorobenzene	0.748	0.878	-17.4	91	0.00
69	p-Isopropyltoluene	1.546	1.642	-6.2	81	0.00
70	n-Butylbenzene	1.495	1.805	-20.7	91	0.00
71	2-Chlorotoluene	1.172	1.330	-13.5	86	0.00
72 T	4-Ethyltoluene	1.204	1.288	-7.0	78	0.00
73 T	1,3,5-Trimethylbenzene	1.067	1.163	-9.0	80	0.00
74 T	1,2,4-Trimethylbenzene	1.134	1.231	-8.6	82	0.00
75 T	1,3-Dichlorobenzene	0.662	0.661	0.2	74	0.00
76 T	1,4-Dichlorobenzene	0.650	0.630	3.1	72	0.00
77 T	1,2-Dichlorobenzene	0.624	0.654	-4.8	78	0.00
78 T	Hexachloro-1,3-Butadiene	0.462	0.418	9.5	77	0.00
79 T	Naphthalene	0.825	0.850	-3.0	77	0.00
80 T	Naphthalene,2-methyl-	0.350	0.191	45.4#	39	0.00
81 T	1,2,4-Trichlorobenzene	0.461	0.455	1.3	77	-0.01

(#) = Out of Range

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