

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039918.D
 Acq On : 21 Nov 2022 21:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 22 03:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 22 03:45:31 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	77	0.01
2 T	Dichlorodifluoromethane	1.432	1.490	-4.1	108	0.00
3	Chlorodifluoromethane	1.380	1.261	8.6	75	0.00
4	Chloromethane	0.882	0.798	9.5	70	0.00
5 T	Vinyl Chloride	0.689	0.685	0.6	70	0.00
6 T	Bromomethane	0.235	0.247	-5.1	80	0.00
7	Chloroethane	0.272	0.255	6.3	73	0.00
8 T	Dichlorotetrafluoroethane	1.635	1.631	0.2	82	0.00
9 T	Propene	0.650	0.575	11.5	69	0.00
10 T	Heptane	1.568	1.427	9.0	71	0.01
11 T	Trichlorofluoromethane	1.747	1.709	2.2	78	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.322	1.266	4.2	76	0.00
13	Ethanol	0.050	0.042#	16.0	73	0.01
14 T	Bromoethene	0.516	0.521	-1.0	76	0.00
15 T	Acetone	1.326	1.350	-1.8	82	0.00
16 T	1,3-Butadiene	0.661	0.639	3.3	70	0.00
17	tert-Butyl alcohol	1.525	1.400	8.2	69	0.00
18 T	1,1-Dichloroethene	0.603	0.582	3.5	75	0.01
19 T	Isopropyl Alcohol	0.718	0.663	7.7	68	0.00
20 T	Methylene Chloride	0.643	0.481	25.2	74	0.00
21 T	Allyl Chloride	0.920	0.852	7.4	69	0.00
22 T	trans-1,2-Dichloroethene	0.613	0.599	2.3	75	0.01
23 T	Vinyl Acetate	0.545	0.550	-0.9	76	0.00
24 T	1,1-Dichloroethane	1.314	1.239	5.7	74	0.00
25 T	Ethyl Acetate	2.435	2.497	-2.5	79	0.01
26 T	Hexane	1.064	1.072	-0.8	80	0.00
27 T	Carbon Disulfide	1.343	1.373	-2.2	69	0.00
28 T	Methyl tert-Butyl Ether	1.332	1.202	9.8	70	0.01
29 T	Chloroform	1.414	1.750	-23.8	90	0.01
30 T	Cyclohexane	1.044	0.949	9.1	72	0.01
31 T	cis-1,2-Dichloroethene	0.983	0.956	2.7	72	0.00
32 T	1,1,1-Trichloroethane	1.766	1.798	-1.8	79	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.01
34 T	2-Butanone	0.478	0.488	-2.1	71	0.00
35 T	Carbon Tetrachloride	0.568	0.659	-16.0	79	0.00
36 T	Benzene	0.850	0.851	-0.1	74	0.00
37 T	1,2-Dichloroethane	0.466	0.493	-5.8	78	0.00
38 T	Trichloroethene	0.475	0.482	-1.5	77	0.00
39 T	1,2-Dichloropropane	0.331	0.327	1.2	72	0.01
40 T	1,4-Dioxane	0.132	0.122	7.6	69	0.00
41 T	Tetrahydrofuran	0.330	0.335	-1.5	70	0.00
42 T	Bromodichloromethane	0.632	0.701	-10.9	76	0.01
43	Methyl Methacrylate	0.333	0.344	-3.3	72	0.01
44 T	2,2,4-Trimethylpentane	1.419	1.366	3.7	72	0.00
45 T	t-1,3-Dichloropropene	0.308	0.343	-11.4	69	0.02
46 T	cis-1,3-Dichloropropene	0.427	0.456	-6.8	72	0.01
47 T	1,1,2-Trichloroethane	0.340	0.348	-2.4	76	0.01
48 T	Dibromochloromethane	0.499	0.592	-18.6	77	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.404	0.478	-18.3	72	0.00
50 T	4-Methyl-2-Pentanone	0.857	0.863	-0.7	72	0.01
51 T	2-Hexanone	0.665	0.686	-3.2	72	0.00
52 T	Tetrachloroethene	0.318	0.302	5.0	73	0.01
53 T	Toluene	0.968	0.973	-0.5	74	0.01
54 T	1,2-Dibromoethane	0.363	0.411	-13.2	78	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.409	0.424	-3.7	77	0.00
57 T	Chlorobenzene	0.765	0.759	0.8	78	0.01
58 T	Ethyl Benzene	1.357	1.332	1.8	77	0.01
59 T	m/p-Xylene	1.135	1.113	1.9	77	0.00
60 T	o-Xylene	1.083	1.067	1.5	77	0.00
61 T	Styrene	0.646	0.659	-2.0	75	0.00
62	Isopropylbenzene	1.562	1.533	1.9	78	0.00
63 T	1,1,2,2-Tetrachloroethane	0.362	0.367	-1.4	78	0.00
64	n-propylbenzene	0.408	0.406	0.5	76	0.00
65	tert-Butylbenzene	1.366	1.360	0.4	80	0.00
66 T	Benzyl Chloride	0.117	0.113	3.4	56	0.01
67	sec-Butylbenzene	1.878	1.889	-0.6	81	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.735	3.8	75	0.00
69	p-Isopropyltoluene	1.547	1.570	-1.5	81	0.00
70	n-Butylbenzene	1.534	1.611	-5.0	83	0.00
71	2-Chlorotoluene	1.184	1.179	0.4	79	0.00
72 T	4-Ethyltoluene	1.217	1.266	-4.0	79	0.00
73 T	1,3,5-Trimethylbenzene	1.114	1.122	-0.7	79	0.00
74 T	1,2,4-Trimethylbenzene	1.180	1.204	-2.0	80	0.00
75 T	1,3-Dichlorobenzene	0.664	0.686	-3.3	78	0.00
76 T	1,4-Dichlorobenzene	0.658	0.678	-3.0	78	0.00
77 T	1,2-Dichlorobenzene	0.640	0.656	-2.5	79	0.00
78 T	Hexachloro-1,3-Butadiene	0.444	0.456	-2.7	87	0.00
79 T	Naphthalene	0.706	0.936	-32.6#	94	0.00
80 T	Naphthalene,2-methyl-	0.199	0.349	-75.4#	132	0.00
81 T	1,2,4-Trichlorobenzene	0.436	0.497	-14.0	88	0.00

(#) = Out of Range

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