

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102122\
 Data File : VL039756.D
 Acq On : 21 Oct 2022 23:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 22 02:39:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Oct 22 02:12:34 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	0.00
2 T	Dichlorodifluoromethane	1.675	1.085	35.2#	53	-0.01
3	Chlorodifluoromethane	1.274	1.305	-2.4	99	0.00
4	Chloromethane	0.797	0.815	-2.3	101	0.00
5 T	Vinyl Chloride	0.626	0.698	-11.5	101	0.00
6 T	Bromomethane	0.232	0.237	-2.2	96	0.00
7	Chloroethane	0.232	0.242	-4.3	94	0.00
8 T	Dichlorotetrafluoroethane	1.554	1.493	3.9	89	0.00
9 T	Propene	0.582	0.627	-7.7	102	-0.02
10 T	Heptane	1.350	1.527	-13.1	97	0.00
11 T	Trichlorofluoromethane	1.559	1.580	-1.3	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.198	4.5	90	0.00
13	Ethanol	0.040	0.045#	-12.5	129	0.00
14 T	Bromoethene	0.478	0.496	-3.8	96	0.00
15 T	Acetone	1.207	1.183	2.0	94	0.00
16 T	1,3-Butadiene	0.606	0.652	-7.6	99	0.00
17	tert-Butyl alcohol	1.026	1.180	-15.0	103	0.00
18 T	1,1-Dichloroethene	0.538	0.550	-2.2	95	0.00
19 T	Isopropyl Alcohol	0.590	0.639	-8.3	101	0.00
20 T	Methylene Chloride	0.485	0.452	6.8	95	0.00
21 T	Allyl Chloride	0.833	0.870	-4.4	97	0.00
22 T	trans-1,2-Dichloroethene	0.546	0.571	-4.6	95	0.00
23 T	Vinyl Acetate	0.509	0.505	0.8	100	0.00
24 T	1,1-Dichloroethane	1.162	1.204	-3.6	96	0.00
25 T	Ethyl Acetate	2.419	2.349	2.9	94	0.00
26 T	Hexane	0.985	0.946	4.0	94	0.00
27 T	Carbon Disulfide	1.234	1.418	-14.9	94	0.00
28 T	Methyl tert-Butyl Ether	0.934	0.942	-0.9	92	0.00
29 T	Chloroform	1.579	1.324	16.1	79	0.00
30 T	Cyclohexane	0.828	0.921	-11.2	98	0.00
31 T	cis-1,2-Dichloroethene	0.883	0.938	-6.2	99	0.00
32 T	1,1,1-Trichloroethane	1.370	1.612	-17.7	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.461	0.447	3.0	96	0.00
35 T	Carbon Tetrachloride	0.518	0.559	-7.9	96	0.00
36 T	Benzene	0.755	0.779	-3.2	101	0.00
37 T	1,2-Dichloroethane	0.407	0.416	-2.2	99	0.00
38 T	Trichloroethene	0.405	0.445	-9.9	98	0.00
39 T	1,2-Dichloropropane	0.290	0.288	0.7	98	0.00
40 T	1,4-Dioxane	0.111	0.100	9.9	87	0.00
41 T	Tetrahydrofuran	0.296	0.304	-2.7	95	0.00
42 T	Bromodichloromethane	0.558	0.589	-5.6	95	0.00
43	Methyl Methacrylate	0.271	0.301	-11.1	98	0.00
44 T	2,2,4-Trimethylpentane	1.279	1.298	-1.5	98	0.00
45 T	t-1,3-Dichloropropene	0.225	0.278	-23.6	97	0.00
46 T	cis-1,3-Dichloropropene	0.318	0.386	-21.4	98	0.00
47 T	1,1,2-Trichloroethane	0.314	0.315	-0.3	97	0.00
48 T	Dibromochloromethane	0.474	0.521	-9.9	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.382	0.438	-14.7	95	0.00
50 T	4-Methyl-2-Pentanone	0.752	0.809	-7.6	98	0.00
51 T	2-Hexanone	0.539	0.620	-15.0	97	0.00
52 T	Tetrachloroethene	0.272	0.287	-5.5	98	0.00
53 T	Toluene	0.815	0.899	-10.3	97	0.00
54 T	1,2-Dibromoethane	0.316	0.360	-13.9	98	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.406	0.422	-3.9	96	0.00
57 T	Chlorobenzene	0.734	0.755	-2.9	97	0.00
58 T	Ethyl Benzene	1.155	1.312	-13.6	96	0.00
59 T	m/p-Xylene	1.021	1.116	-9.3	97	0.00
60 T	o-Xylene	0.977	1.069	-9.4	96	0.00
61 T	Styrene	0.511	0.638	-24.9	95	0.00
62	Isopropylbenzene	1.454	1.546	-6.3	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.373	0.379	-1.6	96	0.00
64	n-propylbenzene	0.365	0.400	-9.6	97	0.00
65	tert-Butylbenzene	1.274	1.352	-6.1	96	0.00
66 T	Benzyl Chloride	0.089	0.099	-11.2	94	0.00
67	sec-Butylbenzene	1.763	1.880	-6.6	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.710	0.746	-5.1	94	0.00
69	p-Isopropyltoluene	1.421	1.561	-9.9	97	0.00
70	n-Butylbenzene	1.367	1.528	-11.8	97	0.00
71	2-Chlorotoluene	1.035	1.135	-9.7	95	0.00
72 T	4-Ethyltoluene	1.090	1.229	-12.8	94	0.00
73 T	1,3,5-Trimethylbenzene	1.015	1.108	-9.2	96	0.00
74 T	1,2,4-Trimethylbenzene	1.115	1.179	-5.7	96	0.00
75 T	1,3-Dichlorobenzene	0.667	0.695	-4.2	97	0.00
76 T	1,4-Dichlorobenzene	0.652	0.660	-1.2	93	0.00
77 T	1,2-Dichlorobenzene	0.649	0.658	-1.4	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.469	0.426	9.2	100	0.00
79 T	Naphthalene	0.653	0.814	-24.7	102	0.00
80 T	Naphthalene,2-methyl-	0.195	0.312	-60.0#	132	0.00
81 T	1,2,4-Trichlorobenzene	0.437	0.465	-6.4	100	0.00

(#) = Out of Range

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