

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039738.D
 Acq On : 18 Oct 2022 10:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 18 12:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 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	90	0.00
2 T	Dichlorodifluoromethane	1.159	1.758	-51.7#	166#	0.00
3	Chlorodifluoromethane	1.187	1.100	7.3	95	0.00
4	Chloromethane	0.716	0.674	5.9	95	0.00
5 T	Vinyl Chloride	0.597	0.579	3.0	93	0.00
6 T	Bromomethane	0.220	0.210	4.5	93	0.00
7	Chloroethane	0.218	0.216	0.9	92	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.420	-2.1	101	0.00
9 T	Propene	0.542	0.518	4.4	94	0.00
10 T	Heptane	1.265	1.286	-1.7	95	0.00
11 T	Trichlorofluoromethane	1.436	1.355	5.6	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	1.049	3.2	99	0.00
13	Ethanol	0.041	0.015#	63.4#	41	0.00
14 T	Bromoethene	0.433	0.411	5.1	90	0.00
15 T	Acetone	1.113	1.053	5.4	98	0.00
16 T	1,3-Butadiene	0.564	0.570	-1.1	95	0.00
17	tert-Butyl alcohol	0.999	0.856	14.3	76	0.00
18 T	1,1-Dichloroethene	0.477	0.478	-0.2	97	0.00
19 T	Isopropyl Alcohol	0.567	0.460	18.9	76	0.00
20 T	Methylene Chloride	0.514	0.404	21.4	98	0.00
21 T	Allyl Chloride	0.758	0.743	2.0	96	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.492	-4.2	98	0.00
23 T	Vinyl Acetate	0.503	0.457	9.1	88	0.00
24 T	1,1-Dichloroethane	1.002	0.990	1.2	96	0.00
25 T	Ethyl Acetate	2.426	2.301	5.2	94	0.00
26 T	Hexane	1.030	0.929	9.8	92	0.00
27 T	Carbon Disulfide	1.082	1.181	-9.1	95	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.802	7.3	89	0.00
29 T	Chloroform	1.486	1.434	3.5	96	0.00
30 T	Cyclohexane	0.797	0.800	-0.4	95	0.00
31 T	cis-1,2-Dichloroethene	0.931	0.912	2.0	91	0.00
32 T	1,1,1-Trichloroethane	1.346	1.368	-1.6	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.491	0.453	7.7	97	0.00
35 T	Carbon Tetrachloride	0.531	0.556	-4.7	96	0.00
36 T	Benzene	0.765	0.745	2.6	93	0.00
37 T	1,2-Dichloroethane	0.416	0.407	2.2	94	0.00
38 T	Trichloroethene	0.413	0.428	-3.6	94	0.00
39 T	1,2-Dichloropropane	0.295	0.283	4.1	92	0.00
40 T	1,4-Dioxane	0.121	0.098	19.0	88	0.00
41 T	Tetrahydrofuran	0.301	0.307	-2.0	90	0.00
42 T	Bromodichloromethane	0.579	0.583	-0.7	94	0.00
43	Methyl Methacrylate	0.279	0.291	-4.3	91	0.00
44 T	2,2,4-Trimethylpentane	1.318	1.271	3.6	94	0.00
45 T	t-1,3-Dichloropropene	0.236	0.268	-13.6	87	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.375	-11.9	90	0.00
47 T	1,1,2-Trichloroethane	0.323	0.304	5.9	92	0.00
48 T	Dibromochloromethane	0.486	0.504	-3.7	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.412	-2.5	87	0.00
50 T	4-Methyl-2-Pentanone	0.772	0.800	-3.6	94	0.00
51 T	2-Hexanone	0.571	0.621	-8.8	93	0.00
52 T	Tetrachloroethene	0.292	0.278	4.8	92	0.00
53 T	Toluene	0.850	0.879	-3.4	92	0.00
54 T	1,2-Dibromoethane	0.345	0.354	-2.6	91	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.392	3.0	92	0.00
57 T	Chlorobenzene	0.735	0.702	4.5	92	0.00
58 T	Ethyl Benzene	1.153	1.221	-5.9	92	0.00
59 T	m/p-Xylene	1.026	1.026	0.0	92	0.00
60 T	o-Xylene	0.980	0.984	-0.4	91	0.00
61 T	Styrene	0.528	0.584	-10.6	89	0.00
62	Isopropylbenzene	1.474	1.423	3.5	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.391	0.365	6.6	89	0.00
64	n-propylbenzene	0.378	0.370	2.1	91	0.00
65	tert-Butylbenzene	1.303	1.244	4.5	90	0.00
66 T	Benzyl Chloride	0.104	0.061	41.3#	49	0.00
67	sec-Butylbenzene	1.827	1.738	4.9	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.747	0.741	0.8	85	0.00
69	p-Isopropyltoluene	1.501	1.444	3.8	90	0.00
70	n-Butylbenzene	1.472	1.456	1.1	92	0.00
71	2-Chlorotoluene	1.065	1.045	1.9	91	0.00
72 T	4-Ethyltoluene	1.119	1.149	-2.7	91	0.00
73 T	1,3,5-Trimethylbenzene	1.024	1.034	-1.0	93	0.00
74 T	1,2,4-Trimethylbenzene	1.147	1.102	3.9	91	0.00
75 T	1,3-Dichlorobenzene	0.685	0.658	3.9	91	0.00
76 T	1,4-Dichlorobenzene	0.685	0.642	6.3	94	0.00
77 T	1,2-Dichlorobenzene	0.668	0.313	53.1#	45	0.00
78 T	Hexachloro-1,3-Butadiene	0.510	0.505	1.0	107	0.00
79 T	Naphthalene	0.757	1.049	-38.6#	110	0.00
80 T	Naphthalene,2-methyl-	0.285	0.347	-21.8	106	0.00
81 T	1,2,4-Trichlorobenzene	0.497	0.587	-18.1	109	0.00

(#) = Out of Range

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