

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039718.D
 Acq On : 17 Oct 2022 13:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 18 05:18:31 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 : Mon Sep 19 14:26:28 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	1.159	0.881	24.0	85	0.00
3	Chlorodifluoromethane	1.187	1.059	10.8	93	0.00
4	Chloromethane	0.716	0.656	8.4	95	0.00
5 T	Vinyl Chloride	0.597	0.537	10.1	88	0.00
6 T	Bromomethane	0.220	0.217	1.4	98	0.00
7	Chloroethane	0.218	0.200	8.3	88	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.246	10.4	90	0.00
9 T	Propene	0.542	0.482	11.1	90	0.00
10 T	Heptane	1.265	1.228	2.9	92	0.00
11 T	Trichlorofluoromethane	1.436	1.341	6.6	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	1.034	4.6	100	0.00
13	Ethanol	0.041	0.037#	9.8	100	0.00
14 T	Bromoethene	0.433	0.420	3.0	95	0.00
15 T	Acetone	1.113	0.996	10.5	95	0.00
16 T	1,3-Butadiene	0.564	0.522	7.4	89	0.00
17	tert-Butyl alcohol	0.999	0.899	10.0	82	0.00
18 T	1,1-Dichloroethene	0.477	0.453	5.0	94	0.00
19 T	Isopropyl Alcohol	0.567	0.519	8.5	87	0.00
20 T	Methylene Chloride	0.514	0.379	26.3	94	0.00
21 T	Allyl Chloride	0.758	0.740	2.4	98	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.476	-0.8	97	0.00
23 T	Vinyl Acetate	0.503	0.475	5.6	93	0.00
24 T	1,1-Dichloroethane	1.002	0.980	2.2	97	0.00
25 T	Ethyl Acetate	2.426	2.213	8.8	93	0.00
26 T	Hexane	1.030	0.906	12.0	91	0.00
27 T	Carbon Disulfide	1.082	1.152	-6.5	95	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.817	5.5	93	0.00
29 T	Chloroform	1.486	1.402	5.7	96	0.00
30 T	Cyclohexane	0.797	0.754	5.4	92	0.00
31 T	cis-1,2-Dichloroethene	0.931	0.876	5.9	90	0.00
32 T	1,1,1-Trichloroethane	1.346	1.331	1.1	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.491	0.428	12.8	93	0.00
35 T	Carbon Tetrachloride	0.531	0.536	-0.9	94	0.00
36 T	Benzene	0.765	0.726	5.1	92	0.00
37 T	1,2-Dichloroethane	0.416	0.398	4.3	94	0.00
38 T	Trichloroethene	0.413	0.422	-2.2	95	0.00
39 T	1,2-Dichloropropane	0.295	0.273	7.5	91	0.00
40 T	1,4-Dioxane	0.121	0.104	14.0	96	0.00
41 T	Tetrahydrofuran	0.301	0.292	3.0	87	0.00
42 T	Bromodichloromethane	0.579	0.565	2.4	93	0.00
43	Methyl Methacrylate	0.279	0.285	-2.2	92	0.00
44 T	2,2,4-Trimethylpentane	1.318	1.231	6.6	93	0.00
45 T	t-1,3-Dichloropropene	0.236	0.265	-12.3	88	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.369	-10.1	90	0.00
47 T	1,1,2-Trichloroethane	0.323	0.297	8.0	92	0.00
48 T	Dibromochloromethane	0.486	0.489	-0.6	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.394	2.0	85	0.00
50 T	4-Methyl-2-Pentanone	0.772	0.770	0.3	92	0.00
51 T	2-Hexanone	0.571	0.596	-4.4	91	0.00
52 T	Tetrachloroethene	0.292	0.269	7.9	91	0.00
53 T	Toluene	0.850	0.846	0.5	91	0.00
54 T	1,2-Dibromoethane	0.345	0.339	1.7	89	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.366	9.4	91	0.00
57 T	Chlorobenzene	0.735	0.650	11.6	90	0.00
58 T	Ethyl Benzene	1.153	1.128	2.2	90	0.00
59 T	m/p-Xylene	1.026	0.949	7.5	90	0.00
60 T	o-Xylene	0.980	0.911	7.0	90	0.00
61 T	Styrene	0.528	0.537	-1.7	87	0.00
62	Isopropylbenzene	1.474	1.315	10.8	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.391	0.337	13.8	87	0.00
64	n-propylbenzene	0.378	0.338	10.6	89	0.00
65	tert-Butylbenzene	1.303	1.155	11.4	89	0.00
66 T	Benzyl Chloride	0.104	0.085	18.3	73	0.00
67	sec-Butylbenzene	1.827	1.601	12.4	89	0.00
68 S	1-Bromo-4-Fluorobenzene	0.747	0.704	5.8	86	0.00
69	p-Isopropyltoluene	1.501	1.344	10.5	89	0.00
70	n-Butylbenzene	1.472	1.346	8.6	91	0.00
71	2-Chlorotoluene	1.065	0.949	10.9	87	0.00
72 T	4-Ethyltoluene	1.119	1.042	6.9	87	0.00
73 T	1,3,5-Trimethylbenzene	1.024	0.942	8.0	90	0.00
74 T	1,2,4-Trimethylbenzene	1.147	1.014	11.6	89	0.00
75 T	1,3-Dichlorobenzene	0.685	0.607	11.4	90	0.00
76 T	1,4-Dichlorobenzene	0.685	0.593	13.4	92	0.00
77 T	1,2-Dichlorobenzene	0.668	0.582	12.9	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.510	0.462	9.4	104	0.00
79 T	Naphthalene	0.757	0.983	-29.9	110	0.00
80 T	Naphthalene,2-methyl-	0.285	0.357	-25.3	116	0.00
81 T	1,2,4-Trichlorobenzene	0.497	0.552	-11.1	109	0.00

(#) = Out of Range

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