

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039636.D
 Acq On : 21 Sep 2022 14:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 22 08:15:20 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	101	0.00
2 T	Dichlorodifluoromethane	1.159	1.011	12.8	107	0.00
3	Chlorodifluoromethane	1.187	1.047	11.8	101	0.00
4	Chloromethane	0.716	0.648	9.5	102	0.00
5 T	Vinyl Chloride	0.597	0.570	4.5	102	0.00
6 T	Bromomethane	0.220	0.208	5.5	104	0.00
7	Chloroethane	0.218	0.201	7.8	96	0.00
8 T	Dichlorotetrafluoroethane	1.391	1.276	8.3	101	0.00
9 T	Propene	0.542	0.488	10.0	99	0.00
10 T	Heptane	1.265	1.203	4.9	99	0.00
11 T	Trichlorofluoromethane	1.436	1.286	10.4	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.084	0.959	11.5	102	0.01
13	Ethanol	0.041	0.037#	9.8	108	0.00
14 T	Bromoethene	0.433	0.409	5.5	101	0.00
15 T	Acetone	1.113	0.947	14.9	99	0.00
16 T	1,3-Butadiene	0.564	0.526	6.7	98	0.00
17	tert-Butyl alcohol	0.999	0.907	9.2	90	0.00
18 T	1,1-Dichloroethene	0.477	0.423	11.3	96	0.00
19 T	Isopropyl Alcohol	0.567	0.556	1.9	102	0.00
20 T	Methylene Chloride	0.514	0.369	28.2	100	0.01
21 T	Allyl Chloride	0.758	0.703	7.3	102	0.00
22 T	trans-1,2-Dichloroethene	0.472	0.430	8.9	96	0.01
23 T	Vinyl Acetate	0.503	0.414	17.7	89	0.01
24 T	1,1-Dichloroethane	1.002	0.903	9.9	98	0.00
25 T	Ethyl Acetate	2.426	2.204	9.2	101	0.00
26 T	Hexane	1.030	0.906	12.0	100	0.01
27 T	Carbon Disulfide	1.082	1.089	-0.6	98	0.00
28 T	Methyl tert-Butyl Ether	0.865	0.782	9.6	97	0.01
29 T	Chloroform	1.486	1.345	9.5	101	0.01
30 T	Cyclohexane	0.797	0.751	5.8	100	0.01
31 T	cis-1,2-Dichloroethene	0.931	0.869	6.7	98	0.00
32 T	1,1,1-Trichloroethane	1.346	1.313	2.5	99	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.01
34 T	2-Butanone	0.491	0.465	5.3	112	0.00
35 T	Carbon Tetrachloride	0.531	0.515	3.0	100	0.01
36 T	Benzene	0.765	0.718	6.1	101	0.01
37 T	1,2-Dichloroethane	0.416	0.379	8.9	99	0.01
38 T	Trichloroethene	0.413	0.402	2.7	99	0.00
39 T	1,2-Dichloropropane	0.295	0.269	8.8	99	0.00
40 T	1,4-Dioxane	0.121	0.108	10.7	109	0.01
41 T	Tetrahydrofuran	0.301	0.293	2.7	97	0.00
42 T	Bromodichloromethane	0.579	0.544	6.0	99	0.01
43	Methyl Methacrylate	0.279	0.280	-0.4	99	0.01
44 T	2,2,4-Trimethylpentane	1.318	1.199	9.0	100	0.00
45 T	t-1,3-Dichloropropene	0.236	0.266	-12.7	97	0.00
46 T	cis-1,3-Dichloropropene	0.335	0.358	-6.9	97	0.01
47 T	1,1,2-Trichloroethane	0.323	0.284	12.1	97	0.01
48 T	Dibromochloromethane	0.486	0.468	3.7	94	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.402	0.383	4.7	92	0.01
50 T	4-Methyl-2-Pentanone	0.772	0.754	2.3	99	0.01
51 T	2-Hexanone	0.571	0.575	-0.7	97	0.01
52 T	Tetrachloroethene	0.292	0.263	9.9	99	0.00
53 T	Toluene	0.850	0.824	3.1	97	0.01
54 T	1,2-Dibromoethane	0.345	0.333	3.5	96	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.01
56	1,1,1,2-Tetrachloroethane	0.404	0.341	15.6	95	0.01
57 T	Chlorobenzene	0.735	0.615	16.3	96	0.00
58 T	Ethyl Benzene	1.153	1.075	6.8	96	0.01
59 T	m/p-Xylene	1.026	0.893	13.0	95	0.02
60 T	o-Xylene	0.980	0.855	12.8	95	0.01
61 T	Styrene	0.528	0.519	1.7	95	0.01
62	Isopropylbenzene	1.474	1.251	15.1	95	0.01
63 T	1,1,2,2-Tetrachloroethane	0.391	0.317	18.9	92	0.01
64	n-propylbenzene	0.378	0.322	14.8	95	0.02
65	tert-Butylbenzene	1.303	1.080	17.1	93	0.01
66 T	Benzyl Chloride	0.104	0.079	24.0	76	0.00
67	sec-Butylbenzene	1.827	1.502	17.8	93	0.01
68 S	1-Bromo-4-Fluorobenzene	0.747	0.735	1.6	100	0.01
69	p-Isopropyltoluene	1.501	1.263	15.9	93	0.01
70	n-Butylbenzene	1.472	1.265	14.1	95	0.01
71	2-Chlorotoluene	1.065	0.904	15.1	93	0.00
72 T	4-Ethyltoluene	1.119	0.995	11.1	94	0.01
73 T	1,3,5-Trimethylbenzene	1.024	0.889	13.2	95	0.02
74 T	1,2,4-Trimethylbenzene	1.147	0.954	16.8	94	0.01
75 T	1,3-Dichlorobenzene	0.685	0.569	16.9	94	0.02
76 T	1,4-Dichlorobenzene	0.685	0.550	19.7	95	0.01
77 T	1,2-Dichlorobenzene	0.668	0.539	19.3	93	0.01
78 T	Hexachloro-1,3-Butadiene	0.510	0.437	14.3	110	0.01
79 T	Naphthalene	0.757	0.929	-22.7	116	0.02
80 T	Naphthalene,2-methyl-	0.285	0.352	-23.5	128	0.01
81 T	1,2,4-Trichlorobenzene	0.497	0.529	-6.4	117	0.01

(#) = Out of Range

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