

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL012622\
 Data File : VL038284.D
 Acq On : 26 Jan 2022 10:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 27 02:58:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	78	-0.03
2 T	Dichlorodifluoromethane	2.129	2.239	-5.2	79	-0.02
3	Chlorodifluoromethane	1.991	2.377	-19.4	97	-0.02
4	Chloromethane	0.685	0.798	-16.5	95	-0.02
5 T	Vinyl Chloride	0.684	0.824	-20.5	98	-0.02
6 T	Bromomethane	0.370	0.437	-18.1	92	-0.02
7	Chloroethane	0.231	0.273	-18.2	92	-0.02
8 T	Dichlorotetrafluoroethane	1.647	1.934	-17.4	95	-0.02
9 T	Propene	0.648	0.797	-23.0	96	-0.02
10 T	Heptane	1.667	2.041	-22.4	96	-0.03
11 T	Trichlorofluoromethane	1.658	2.046	-23.4	97	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.500	-19.6	96	-0.03
13	Ethanol	0.070	0.082	-17.1	90	-0.03
14 T	Bromoethene	0.490	0.617	-25.9	100	-0.02
15 T	Acetone	0.882	0.977	-10.8	98	-0.02
16 T	1,3-Butadiene	0.633	0.774	-22.3	97	-0.02
17	tert-Butyl alcohol	0.968	1.214	-25.4	98	-0.03
18 T	1,1-Dichloroethene	0.545	0.658	-20.7	95	-0.03
19 T	Isopropyl Alcohol	0.551	0.644	-16.9	97	-0.03
20 T	Methylene Chloride	0.513	0.562	-9.6	97	-0.03
21 T	Allyl Chloride	0.780	1.009	-29.4	97	-0.03
22 T	trans-1,2-Dichloroethene	0.563	0.711	-26.3	99	-0.03
23 T	Vinyl Acetate	1.282	1.638	-27.8	99	-0.03
24 T	1,1-Dichloroethane	1.142	1.403	-22.9	98	-0.03
25 T	Ethyl Acetate	2.468	2.479	-0.4	83	-0.03
26 T	Hexane	1.148	1.128	1.7	81	-0.03
27 T	Carbon Disulfide	1.343	1.712	-27.5	93	-0.03
28 T	Methyl tert-Butyl Ether	1.191	1.503	-26.2	99	-0.03
29 T	Chloroform	1.874	2.171	-15.8	94	-0.03
30 T	Cyclohexane	1.000	1.218	-21.8	95	-0.03
31 T	cis-1,2-Dichloroethene	1.001	1.085	-8.4	99	-0.03
32 T	1,1,1-Trichloroethane	1.872	2.300	-22.9	97	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.03
34 T	2-Butanone	0.327	0.318	2.8	103	-0.03
35 T	Carbon Tetrachloride	0.702	0.683	2.7	96	-0.03
36 T	Benzene	0.885	0.864	2.4	97	-0.03
37 T	1,2-Dichloroethane	0.507	0.508	-0.2	97	-0.03
38 T	Trichloroethene	0.329	0.312	5.2	97	-0.04
39 T	1,2-Dichloropropane	0.359	0.345	3.9	96	-0.03
40 T	1,4-Dioxane	0.086	0.083	3.5	105	-0.03
41 T	Tetrahydrofuran	0.220	0.217	1.4	98	-0.03
42 T	Bromodichloromethane	0.752	0.736	2.1	97	-0.03
43	Methyl Methacrylate	0.313	0.325	-3.8	96	-0.03
44 T	2,2,4-Trimethylpentane	1.559	1.467	5.9	97	-0.03
45 T	t-1,3-Dichloropropene	0.254	0.291	-14.6	95	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.363	-7.1	96	-0.03
47 T	1,1,2-Trichloroethane	0.352	0.344	2.3	97	-0.03
48 T	Dibromochloromethane	0.593	0.579	2.4	94	-0.04
49 T	Bromoform	0.428	0.412	3.7	91	-0.03
50 T	4-Methyl-2-Pentanone	0.583	0.592	-1.5	97	-0.03
51 T	2-Hexanone	0.257	0.263	-2.3	95	-0.03
52 T	Tetrachloroethene	0.305	0.279	8.5	96	-0.03
53 T	Toluene	0.979	0.967	1.2	96	-0.03
54 T	1,2-Dibromoethane	0.501	0.505	-0.8	98	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.03
56	1,1,1,2-Tetrachloroethane	0.438	0.414	5.5	96	-0.03
57 T	Chlorobenzene	0.800	0.750	6.3	96	-0.03
58 T	Ethyl Benzene	1.470	1.414	3.8	96	-0.03
59 T	m/p-Xylene	1.254	1.182	5.7	96	-0.04
60 T	o-Xylene	1.166	1.091	6.4	95	-0.03
61 T	Styrene	0.544	0.568	-4.4	95	-0.03
62	Isopropylbenzene	1.555	1.458	6.2	96	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.863	0.754	12.6	97	-0.03
64	n-propylbenzene	0.374	0.366	2.1	96	-0.03
65	tert-Butylbenzene	1.280	1.185	7.4	97	-0.03
66 T	Benzyl Chloride	0.058	0.057	1.7	76	-0.03
67	sec-Butylbenzene	1.781	1.648	7.5	97	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.759	0.765	-0.8	91	-0.03
69	p-Isopropyltoluene	1.363	1.290	5.4	96	-0.03
70	n-Butylbenzene	1.335	1.270	4.9	97	-0.03
71	2-Chlorotoluene	1.151	1.096	4.8	96	-0.04
72 T	4-Ethyltoluene	1.220	1.209	0.9	98	-0.03
73 T	1,3,5-Trimethylbenzene	1.097	1.046	4.6	96	-0.03
74 T	1,2,4-Trimethylbenzene	1.155	1.074	7.0	97	-0.04
75 T	1,3-Dichlorobenzene	0.620	0.576	7.1	96	-0.04
76 T	1,4-Dichlorobenzene	0.600	0.558	7.0	95	-0.04
77 T	1,2-Dichlorobenzene	0.576	0.521	9.5	96	-0.04
78 T	Hexachloro-1,3-Butadiene	0.400	0.345	13.8	97	-0.03
79 T	Naphthalene	0.540	0.658	-21.9	97	-0.05
80 T	Naphthalene,2-methyl-	0.059	0.111	-88.1#	103	-0.03
81 T	1,2,4-Trichlorobenzene	0.318	0.344	-8.2	96	-0.04

(#) = Out of Range

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