

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012722\
 Data File : VL038315.D
 Acq On : 28 Jan 2022 9:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 29 06:08:11 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	97	-0.02
2 T	Dichlorodifluoromethane	2.129	1.758	17.4	78	0.00
3	Chlorodifluoromethane	1.991	1.909	4.1	97	0.00
4	Chloromethane	0.685	0.598	12.7	89	0.00
5 T	Vinyl Chloride	0.684	0.611	10.7	91	0.00
6 T	Bromomethane	0.370	0.221	40.3#	58	0.00
7	Chloroethane	0.231	0.212	8.2	90	0.00
8 T	Dichlorotetrafluoroethane	1.647	1.481	10.1	91	0.00
9 T	Propene	0.648	0.580	10.5	87	0.00
10 T	Heptane	1.667	1.490	10.6	88	-0.01
11 T	Trichlorofluoromethane	1.658	1.537	7.3	91	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.254	1.139	9.2	91	-0.01
13	Ethanol	0.070	0.074	-5.7	101	-0.02
14 T	Bromoethene	0.490	0.447	8.8	91	0.00
15 T	Acetone	0.882	0.876	0.7	110	0.00
16 T	1,3-Butadiene	0.633	0.633	0.0	99	0.00
17	tert-Butyl alcohol	0.968	0.821	15.2	83	0.00
18 T	1,1-Dichloroethene	0.545	0.490	10.1	89	-0.01
19 T	Isopropyl Alcohol	0.551	0.477	13.4	90	-0.01
20 T	Methylene Chloride	0.513	0.406	20.9	88	-0.01
21 T	Allyl Chloride	0.780	0.620	20.5	75	-0.01
22 T	trans-1,2-Dichloroethene	0.563	0.511	9.2	89	-0.01
23 T	Vinyl Acetate	1.282	1.180	8.0	89	-0.02
24 T	1,1-Dichloroethane	1.142	1.049	8.1	92	-0.02
25 T	Ethyl Acetate	2.468	2.164	12.3	90	-0.01
26 T	Hexane	1.148	1.048	8.7	95	-0.01
27 T	Carbon Disulfide	1.343	1.178	12.3	80	-0.01
28 T	Methyl tert-Butyl Ether	1.191	1.027	13.8	84	0.00
29 T	Chloroform	1.874	1.709	8.8	93	-0.02
30 T	Cyclohexane	1.000	0.891	10.9	87	-0.01
31 T	cis-1,2-Dichloroethene	1.001	0.890	11.1	102	0.00
32 T	1,1,1-Trichloroethane	1.872	1.708	8.8	90	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.02
34 T	2-Butanone	0.327	0.300	8.3	93	0.00
35 T	Carbon Tetrachloride	0.702	0.646	8.0	87	-0.01
36 T	Benzene	0.885	0.821	7.2	88	-0.02
37 T	1,2-Dichloroethane	0.507	0.487	3.9	89	-0.02
38 T	Trichloroethene	0.329	0.284	13.7	85	-0.02
39 T	1,2-Dichloropropane	0.359	0.327	8.9	87	-0.02
40 T	1,4-Dioxane	0.086	0.074	14.0	89	-0.02
41 T	Tetrahydrofuran	0.220	0.187	15.0	81	-0.02
42 T	Bromodichloromethane	0.752	0.701	6.8	88	-0.01
43	Methyl Methacrylate	0.313	0.316	-1.0	89	-0.01
44 T	2,2,4-Trimethylpentane	1.559	1.423	8.7	90	-0.02
45 T	t-1,3-Dichloropropene	0.254	0.100	60.6#	31	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.339	0.173	49.0#	44	0.00
47 T	1,1,2-Trichloroethane	0.352	0.323	8.2	88	-0.02
48 T	Dibromochloromethane	0.593	0.553	6.7	86	-0.02
49 T	Bromoform	0.428	0.433	-1.2	92	-0.02
50 T	4-Methyl-2-Pentanone	0.583	0.602	-3.3	95	-0.02
51 T	2-Hexanone	0.257	0.303	-17.9	104	-0.02
52 T	Tetrachloroethene	0.305	0.250	18.0	82	-0.01
53 T	Toluene	0.979	0.902	7.9	86	-0.01
54 T	1,2-Dibromoethane	0.501	0.433	13.6	81	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	-0.02
56	1,1,1,2-Tetrachloroethane	0.438	0.438	0.0	91	-0.02
57 T	Chlorobenzene	0.800	0.739	7.6	85	-0.02
58 T	Ethyl Benzene	1.470	1.428	2.9	88	-0.02
59 T	m/p-Xylene	1.254	1.193	4.9	87	-0.02
60 T	o-Xylene	1.166	1.134	2.7	89	-0.02
61 T	Styrene	0.544	0.538	1.1	81	-0.01
62	Isopropylbenzene	1.555	1.568	-0.8	93	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.863	0.865	-0.2	100	-0.02
64	n-propylbenzene	0.374	0.386	-3.2	92	-0.01
65	tert-Butylbenzene	1.280	1.341	-4.8	99	-0.01
66 T	Benzyl Chloride	0.058	0.021#	63.8#	25	-0.02
67	sec-Butylbenzene	1.781	1.867	-4.8	99	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.759	0.825	-8.7	88	-0.02
69	p-Isopropyltoluene	1.363	1.449	-6.3	98	-0.01
70	n-Butylbenzene	1.335	1.456	-9.1	100	-0.02
71	2-Chlorotoluene	1.151	1.186	-3.0	94	-0.02
72 T	4-Ethyltoluene	1.220	1.269	-4.0	92	-0.02
73 T	1,3,5-Trimethylbenzene	1.097	1.114	-1.5	92	-0.02
74 T	1,2,4-Trimethylbenzene	1.155	1.148	0.6	93	-0.02
75 T	1,3-Dichlorobenzene	0.620	0.615	0.8	93	-0.02
76 T	1,4-Dichlorobenzene	0.600	0.582	3.0	89	-0.02
77 T	1,2-Dichlorobenzene	0.576	0.593	-3.0	99	-0.02
78 T	Hexachloro-1,3-Butadiene	0.400	0.334	16.5	85	-0.02
79 T	Naphthalene	0.540	0.525	2.8	70	-0.02
80 T	Naphthalene,2-methyl-	0.059	0.060	-1.7	50	0.00
81 T	1,2,4-Trichlorobenzene	0.318	0.302	5.0	76	-0.02

(#) = Out of Range

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