

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038607.D
 Acq On : 15 Mar 2022 9:43
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 15 10:49:46 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 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	1.510	1.656	-9.7	108	0.00
3	Chlorodifluoromethane	1.763	1.745	1.0	98	0.00
4	Chloromethane	0.654	0.684	-4.6	101	0.00
5 T	Vinyl Chloride	0.656	0.668	-1.8	103	0.00
6 T	Bromomethane	0.352	0.356	-1.1	98	0.00
7	Chloroethane	0.212	0.225	-6.1	103	0.00
8 T	Dichlorotetrafluoroethane	1.464	1.582	-8.1	106	0.00
9 T	Propene	0.622	0.605	2.7	94	0.00
10 T	Heptane	1.488	1.605	-7.9	99	-0.01
11 T	Trichlorofluoromethane	1.324	1.402	-5.9	103	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.030	1.105	-7.3	105	0.00
13	Ethanol	0.071	0.050	29.6	79	0.00
14 T	Bromoethene	0.439	0.497	-13.2	104	0.00
15 T	Acetone	0.705	0.731	-3.7	105	0.00
16 T	1,3-Butadiene	0.567	0.596	-5.1	99	0.00
17	tert-Butyl alcohol	0.766	0.891	-16.3	109	0.00
18 T	1,1-Dichloroethene	0.461	0.491	-6.5	103	0.00
19 T	Isopropyl Alcohol	0.471	0.504	-7.0	105	0.00
20 T	Methylene Chloride	0.424	0.406	4.2	102	0.00
21 T	Allyl Chloride	0.680	0.711	-4.6	98	0.00
22 T	trans-1,2-Dichloroethene	0.483	0.526	-8.9	102	0.00
23 T	Vinyl Acetate	1.011	1.085	-7.3	96	0.00
24 T	1,1-Dichloroethane	0.920	0.968	-5.2	101	0.00
25 T	Ethyl Acetate	2.375	2.527	-6.4	100	0.00
26 T	Hexane	1.116	1.172	-5.0	99	0.00
27 T	Carbon Disulfide	1.111	1.310	-17.9	106	0.00
28 T	Methyl tert-Butyl Ether	0.908	0.965	-6.3	98	0.00
29 T	Chloroform	1.736	1.836	-5.8	102	0.00
30 T	Cyclohexane	0.965	1.052	-9.0	104	0.00
31 T	cis-1,2-Dichloroethene	1.067	1.116	-4.6	98	0.00
32 T	1,1,1-Trichloroethane	1.684	1.761	-4.6	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.259	0.297	-14.7	101	0.00
35 T	Carbon Tetrachloride	0.682	0.705	-3.4	102	0.00
36 T	Benzene	0.902	0.961	-6.5	101	0.00
37 T	1,2-Dichloroethane	0.431	0.463	-7.4	98	0.00
38 T	Trichloroethene	0.360	0.373	-3.6	104	0.00
39 T	1,2-Dichloropropane	0.347	0.373	-7.5	101	0.00
40 T	1,4-Dioxane	0.087	0.096	-10.3	106	0.00
41 T	Tetrahydrofuran	0.212	0.227	-7.1	95	-0.01
42 T	Bromodichloromethane	0.684	0.746	-9.1	102	0.00
43	Methyl Methacrylate	0.310	0.348	-12.3	99	0.00
44 T	2,2,4-Trimethylpentane	1.526	1.575	-3.2	101	-0.01
45 T	t-1,3-Dichloropropene	0.223	0.281	-26.0	103	-0.01
46 T	cis-1,3-Dichloropropene	0.305	0.372	-22.0	104	-0.01
47 T	1,1,2-Trichloroethane	0.354	0.402	-13.6	108	0.00
48 T	Dibromochloromethane	0.562	0.681	-21.2	109	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.430	0.591	-37.4#	120	0.00
50 T	4-Methyl-2-Pentanone	0.531	0.657	-23.7	109	-0.01
51 T	2-Hexanone	0.225	0.301	-33.8#	112	-0.01
52 T	Tetrachloroethene	0.331	0.351	-6.0	106	-0.01
53 T	Toluene	0.963	1.098	-14.0	104	-0.01
54 T	1,2-Dibromoethane	0.505	0.582	-15.2	108	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	98	-0.01
56	1,1,1,2-Tetrachloroethane	0.407	0.447	-9.8	113	-0.01
57 T	Chlorobenzene	0.763	0.807	-5.8	109	-0.01
58 T	Ethyl Benzene	1.295	1.444	-11.5	110	-0.01
59 T	m/p-Xylene	1.108	1.188	-7.2	109	-0.02
60 T	o-Xylene	1.047	1.136	-8.5	112	0.00
61 T	Styrene	0.516	0.628	-21.7	110	0.00
62	Isopropylbenzene	1.444	1.614	-11.8	115	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.884	0.908	-2.7	120	-0.01
64	n-propylbenzene	0.368	0.434	-17.9	116	-0.02
65	tert-Butylbenzene	1.292	1.432	-10.8	114	0.00
66 T	Benzyl Chloride	0.077	0.082	-6.5	99	-0.01
67	sec-Butylbenzene	1.836	2.035	-10.8	113	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.760	0.731	3.8	90	-0.01
69	p-Isopropyltoluene	1.521	1.673	-10.0	109	0.00
70	n-Butylbenzene	1.620	1.719	-6.1	104	-0.01
71	2-Chlorotoluene	1.072	1.206	-12.5	112	-0.01
72 T	4-Ethyltoluene	1.202	1.427	-18.7	117	-0.01
73 T	1,3,5-Trimethylbenzene	1.116	1.244	-11.5	114	0.00
74 T	1,2,4-Trimethylbenzene	1.192	1.296	-8.7	111	-0.01
75 T	1,3-Dichlorobenzene	0.752	0.829	-10.2	110	-0.01
76 T	1,4-Dichlorobenzene	0.745	0.802	-7.7	109	-0.01
77 T	1,2-Dichlorobenzene	0.761	0.800	-5.1	107	0.00
78 T	Hexachloro-1,3-Butadiene	0.742	0.549	26.0	81	-0.01
79 T	Naphthalene	1.073	0.973	9.3	73	-0.02
80 T	Naphthalene,2-methyl-	0.189	0.221	-16.9	88	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.582	15.0	78	-0.01

(#) = Out of Range

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