

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038475.D
 Acq On : 2 Mar 2022 9:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 03 11:49:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 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	98	0.02
2 T	Dichlorodifluoromethane	1.584	1.309	17.4	82	0.01
3	Chlorodifluoromethane	1.766	1.654	6.3	99	0.00
4	Chloromethane	0.614	0.569	7.3	99	0.01
5 T	Vinyl Chloride	0.641	0.597	6.9	99	0.01
6 T	Bromomethane	0.338	0.323	4.4	102	0.02
7	Chloroethane	0.206	0.202	1.9	101	0.02
8 T	Dichlorotetrafluoroethane	1.473	1.438	2.4	102	0.01
9 T	Propene	0.583	0.549	5.8	97	0.00
10 T	Heptane	1.419	1.392	1.9	96	0.02
11 T	Trichlorofluoromethane	1.516	1.430	5.7	98	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.112	1.041	6.4	97	0.02
13	Ethanol	0.058	0.044#	24.1	82	0.00
14 T	Bromoethene	0.443	0.445	-0.5	104	0.02
15 T	Acetone	0.850	0.725	14.7	99	0.01
16 T	1,3-Butadiene	0.568	0.567	0.2	100	0.01
17	tert-Butyl alcohol	0.848	0.901	-6.3	110	0.02
18 T	1,1-Dichloroethene	0.488	0.476	2.5	103	0.02
19 T	Isopropyl Alcohol	0.492	0.469	4.7	104	0.01
20 T	Methylene Chloride	0.421	0.370	12.1	97	0.02
21 T	Allyl Chloride	0.718	0.701	2.4	100	0.02
22 T	trans-1,2-Dichloroethene	0.492	0.489	0.6	100	0.02
23 T	Vinyl Acetate	1.127	1.129	-0.2	101	0.01
24 T	1,1-Dichloroethane	1.013	0.967	4.5	100	0.02
25 T	Ethyl Acetate	2.285	2.231	2.4	100	0.02
26 T	Hexane	1.035	1.028	0.7	102	0.02
27 T	Carbon Disulfide	1.151	1.157	-0.5	96	0.02
28 T	Methyl tert-Butyl Ether	1.054	1.033	2.0	100	0.01
29 T	Chloroform	1.689	1.660	1.7	100	0.02
30 T	Cyclohexane	0.846	0.869	-2.7	103	0.01
31 T	cis-1,2-Dichloroethene	1.002	1.039	-3.7	102	0.02
32 T	1,1,1-Trichloroethane	1.698	1.652	2.7	102	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.02
34 T	2-Butanone	0.315	0.303	3.8	100	0.02
35 T	Carbon Tetrachloride	0.703	0.668	5.0	100	0.02
36 T	Benzene	0.880	0.849	3.5	100	0.02
37 T	1,2-Dichloroethane	0.509	0.480	5.7	97	0.02
38 T	Trichloroethene	0.321	0.309	3.7	103	0.02
39 T	1,2-Dichloropropane	0.351	0.325	7.4	98	0.02
40 T	1,4-Dioxane	0.083	0.079	4.8	102	0.02
41 T	Tetrahydrofuran	0.213	0.213	0.0	101	0.02
42 T	Bromodichloromethane	0.735	0.695	5.4	97	0.02
43	Methyl Methacrylate	0.306	0.312	-2.0	99	0.02
44 T	2,2,4-Trimethylpentane	1.513	1.415	6.5	100	0.02
45 T	t-1,3-Dichloropropene	0.245	0.260	-6.1	94	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.321	0.329	-2.5	94	0.02
47 T	1,1,2-Trichloroethane	0.349	0.327	6.3	96	0.02
48 T	Dibromochloromethane	0.570	0.547	4.0	93	0.02
49 T	Bromoform	0.421	0.362	14.0	78	0.02
50 T	4-Methyl-2-Pentanone	0.556	0.555	0.2	95	0.02
51 T	2-Hexanone	0.249	0.243	2.4	90	0.02
52 T	Tetrachloroethene	0.292	0.267	8.6	98	0.03
53 T	Toluene	0.956	0.927	3.0	99	0.02
54 T	1,2-Dibromoethane	0.491	0.472	3.9	96	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.02
56	1,1,1,2-Tetrachloroethane	0.417	0.386	7.4	92	0.02
57 T	Chlorobenzene	0.772	0.691	10.5	93	0.02
58 T	Ethyl Benzene	1.367	1.293	5.4	92	0.02
59 T	m/p-Xylene	1.174	1.069	8.9	90	0.02
60 T	o-Xylene	1.110	0.979	11.8	87	0.02
61 T	Styrene	0.512	0.499	2.5	86	0.02
62	Isopropylbenzene	1.490	1.307	12.3	87	0.02
63 T	1,1,2,2-Tetrachloroethane	0.902	0.653	27.6	78	0.02
64	n-propylbenzene	0.369	0.321	13.0	82	0.02
65	tert-Butylbenzene	1.291	1.072	17.0	82	0.02
66 T	Benzyl Chloride	0.070	0.056	20.0	63	0.02
67	sec-Butylbenzene	1.829	1.484	18.9	80	0.02
68 S	1-Bromo-4-Fluorobenzene	0.827	0.860	-4.0	100	0.02
69	p-Isopropyltoluene	1.436	1.192	17.0	78	0.02
70	n-Butylbenzene	1.486	1.239	16.6	78	0.02
71	2-Chlorotoluene	1.146	0.951	17.0	80	0.02
72 T	4-Ethyltoluene	1.223	1.053	13.9	80	0.02
73 T	1,3,5-Trimethylbenzene	1.111	0.926	16.7	79	0.02
74 T	1,2,4-Trimethylbenzene	1.173	0.965	17.7	79	0.02
75 T	1,3-Dichlorobenzene	0.657	0.518	21.2	75	0.02
76 T	1,4-Dichlorobenzene	0.648	0.492	24.1	74	0.03
77 T	1,2-Dichlorobenzene	0.632	0.492	22.2	75	0.02
78 T	Hexachloro-1,3-Butadiene	0.482	0.398	17.4	90	0.02
79 T	Naphthalene	0.635	0.751	-18.3	91	0.03
80 T	Naphthalene,2-methyl-	0.124	0.122	1.6	64	0.02
81 T	1,2,4-Trichlorobenzene	0.384	0.407	-6.0	89	0.03

(#) = Out of Range

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