

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038713.D
 Acq On : 23 Mar 2022 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 23 11:41:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 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	76	-0.01
2 T	Dichlorodifluoromethane	1.344	1.270	5.5	84	0.00
3	Chlorodifluoromethane	1.056	1.031	2.4	80	0.00
4	Chloromethane	0.580	0.546	5.9	76	0.00
5 T	Vinyl Chloride	0.589	0.566	3.9	82	0.00
6 T	Bromomethane	0.314	0.342	-8.9	86	0.00
7	Chloroethane	0.195	0.195	0.0	79	0.00
8 T	Dichlorotetrafluoroethane	1.342	1.365	-1.7	82	0.00
9 T	Propene	0.510	0.451	11.6	73	0.00
10 T	Heptane	1.219	1.204	1.2	74	-0.01
11 T	Trichlorofluoromethane	1.186	1.292	-8.9	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	0.989	-8.3	85	0.00
13	Ethanol	0.056	0.030#	46.4#	54	0.00
14 T	Bromoethene	0.406	0.435	-7.1	85	0.00
15 T	Acetone	0.863	0.878	-1.7	85	0.00
16 T	1,3-Butadiene	0.490	0.493	-0.6	80	0.00
17	tert-Butyl alcohol	0.754	0.922	-22.3	93	0.00
18 T	1,1-Dichloroethene	0.410	0.453	-10.5	87	0.00
19 T	Isopropyl Alcohol	0.478	0.469	1.9	76	0.00
20 T	Methylene Chloride	0.363	0.361	0.6	84	0.00
21 T	Allyl Chloride	0.621	0.662	-6.6	82	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.479	-12.4	85	0.00
23 T	Vinyl Acetate	0.836	0.655	21.7	57	0.00
24 T	1,1-Dichloroethane	0.823	0.877	-6.6	82	0.00
25 T	Ethyl Acetate	2.172	2.389	-10.0	86	-0.01
26 T	Hexane	0.972	0.934	3.9	76	0.00
27 T	Carbon Disulfide	0.954	1.105	-15.8	82	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.808	-11.6	86	0.00
29 T	Chloroform	1.557	1.561	-0.3	80	-0.01
30 T	Cyclohexane	0.846	0.825	2.5	76	0.00
31 T	cis-1,2-Dichloroethene	0.914	0.936	-2.4	78	-0.01
32 T	1,1,1-Trichloroethane	1.503	1.527	-1.6	81	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	-0.01
34 T	2-Butanone	0.396	0.382	3.5	82	0.00
35 T	Carbon Tetrachloride	0.580	0.600	-3.4	81	-0.01
36 T	Benzene	0.772	0.753	2.5	76	-0.01
37 T	1,2-Dichloroethane	0.393	0.406	-3.3	81	-0.01
38 T	Trichloroethene	0.323	0.314	2.8	75	-0.01
39 T	1,2-Dichloropropane	0.302	0.286	5.3	74	0.00
40 T	1,4-Dioxane	0.105	0.091	13.3	65	0.00
41 T	Tetrahydrofuran	0.295	0.285	3.4	73	-0.01
42 T	Bromodichloromethane	0.589	0.621	-5.4	79	-0.02
43	Methyl Methacrylate	0.287	0.319	-11.1	80	-0.01
44 T	2,2,4-Trimethylpentane	1.296	1.238	4.5	76	-0.01
45 T	t-1,3-Dichloropropene	0.291	0.345	-18.6	79	-0.02
46 T	cis-1,3-Dichloropropene	0.394	0.431	-9.4	76	-0.01
47 T	1,1,2-Trichloroethane	0.322	0.316	1.9	77	0.00
48 T	Dibromochloromethane	0.505	0.552	-9.3	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.411	0.459	-11.7	78	-0.01
50 T	4-Methyl-2-Pentanone	0.736	0.739	-0.4	74	-0.01
51 T	2-Hexanone	0.529	0.575	-8.7	74	-0.01
52 T	Tetrachloroethene	0.282	0.272	3.5	76	-0.01
53 T	Toluene	0.829	0.865	-4.3	77	-0.01
54 T	1,2-Dibromoethane	0.440	0.473	-7.5	79	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	79	-0.02
56	1,1,1,2-Tetrachloroethane	0.415	0.421	-1.4	84	-0.02
57 T	Chlorobenzene	0.721	0.679	5.8	79	-0.01
58 T	Ethyl Benzene	1.169	1.180	-0.9	77	-0.01
59 T	m/p-Xylene	1.023	1.007	1.6	78	-0.02
60 T	o-Xylene	0.971	0.974	-0.3	79	-0.01
61 T	Styrene	0.527	0.581	-10.2	76	-0.01
62	Isopropylbenzene	1.460	1.505	-3.1	82	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.752	0.688	8.5	82	-0.02
64	n-propylbenzene	0.383	0.404	-5.5	82	-0.01
65	tert-Butylbenzene	1.312	1.335	-1.8	83	-0.01
66 T	Benzyl Chloride	0.248	0.280	-12.9	71	-0.02
67	sec-Butylbenzene	1.876	1.929	-2.8	83	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.767	0.770	-0.4	76	-0.02
69	p-Isopropyltoluene	1.531	1.584	-3.5	82	-0.01
70	n-Butylbenzene	1.579	1.633	-3.4	80	0.00
71	2-Chlorotoluene	1.083	1.115	-3.0	81	-0.01
72 T	4-Ethyltoluene	1.146	1.191	-3.9	79	0.00
73 T	1,3,5-Trimethylbenzene	1.044	1.033	1.1	78	-0.02
74 T	1,2,4-Trimethylbenzene	1.138	1.109	2.5	78	-0.01
75 T	1,3-Dichlorobenzene	0.725	0.683	5.8	77	-0.01
76 T	1,4-Dichlorobenzene	0.721	0.671	6.9	74	-0.01
77 T	1,2-Dichlorobenzene	0.718	0.664	7.5	76	-0.01
78 T	Hexachloro-1,3-Butadiene	0.663	0.487	26.5	68	-0.01
79 T	Naphthalene	0.869	0.881	-1.4	66	-0.02
80 T	Naphthalene,2-methyl-	0.233	0.209	10.3	58	0.00
81 T	1,2,4-Trichlorobenzene	0.595	0.501	15.8	64	-0.01

(#) = Out of Range

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