

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038767.D
 Acq On : 28 Mar 2022 9:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 28 14:24:43 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	96	0.01
2 T	Dichlorodifluoromethane	1.344	1.065	20.8	88	0.00
3	Chlorodifluoromethane	1.056	0.908	14.0	89	0.01
4	Chloromethane	0.580	0.511	11.9	89	0.00
5 T	Vinyl Chloride	0.589	0.546	7.3	99	0.00
6 T	Bromomethane	0.314	0.329	-4.8	104	0.00
7	Chloroethane	0.195	0.196	-0.5	99	0.01
8 T	Dichlorotetrafluoroethane	1.342	1.313	2.2	99	0.00
9 T	Propene	0.510	0.386	24.3	78	0.00
10 T	Heptane	1.219	1.065	12.6	82	0.01
11 T	Trichlorofluoromethane	1.186	1.352	-14.0	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	1.054	-15.4	113	0.00
13	Ethanol	0.056	0.040#	28.6	91	0.00
14 T	Bromoethene	0.406	0.444	-9.4	109	0.01
15 T	Acetone	0.863	0.892	-3.4	108	0.01
16 T	1,3-Butadiene	0.490	0.472	3.7	96	0.01
17	tert-Butyl alcohol	0.754	0.923	-22.4	117	0.00
18 T	1,1-Dichloroethene	0.410	0.474	-15.6	115	0.01
19 T	Isopropyl Alcohol	0.478	0.511	-6.9	104	0.01
20 T	Methylene Chloride	0.363	0.397	-9.4	116	0.01
21 T	Allyl Chloride	0.621	0.700	-12.7	110	0.01
22 T	trans-1,2-Dichloroethene	0.426	0.507	-19.0	113	0.00
23 T	Vinyl Acetate	0.836	1.048	-25.4	115	0.01
24 T	1,1-Dichloroethane	0.823	0.936	-13.7	110	0.00
25 T	Ethyl Acetate	2.172	1.955	10.0	88	0.01
26 T	Hexane	0.972	0.873	10.2	89	0.02
27 T	Carbon Disulfide	0.954	1.227	-28.6	115	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.863	-19.2	116	0.01
29 T	Chloroform	1.557	1.470	5.6	94	0.01
30 T	Cyclohexane	0.846	0.754	10.9	88	0.01
31 T	cis-1,2-Dichloroethene	0.914	0.715	21.8	75	0.00
32 T	1,1,1-Trichloroethane	1.503	1.448	3.7	96	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.01
34 T	2-Butanone	0.396	0.391	1.3	108	0.01
35 T	Carbon Tetrachloride	0.580	0.567	2.2	97	0.01
36 T	Benzene	0.772	0.677	12.3	87	0.01
37 T	1,2-Dichloroethane	0.393	0.365	7.1	93	0.01
38 T	Trichloroethene	0.323	0.306	5.3	94	0.01
39 T	1,2-Dichloropropane	0.302	0.258	14.6	86	0.02
40 T	1,4-Dioxane	0.105	0.093	11.4	85	0.02
41 T	Tetrahydrofuran	0.295	0.240	18.6	79	0.02
42 T	Bromodichloromethane	0.589	0.571	3.1	94	0.01
43	Methyl Methacrylate	0.287	0.277	3.5	89	0.01
44 T	2,2,4-Trimethylpentane	1.296	1.112	14.2	87	0.01
45 T	t-1,3-Dichloropropene	0.291	0.317	-8.9	92	0.00
46 T	cis-1,3-Dichloropropene	0.394	0.401	-1.8	90	0.02
47 T	1,1,2-Trichloroethane	0.322	0.281	12.7	88	0.02
48 T	Dibromochloromethane	0.505	0.506	-0.2	92	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.411	0.412	-0.2	90	0.02
50 T	4-Methyl-2-Pentanone	0.736	0.653	11.3	84	0.01
51 T	2-Hexanone	0.529	0.498	5.9	82	0.01
52 T	Tetrachloroethene	0.282	0.250	11.3	90	0.01
53 T	Toluene	0.829	0.784	5.4	89	0.01
54 T	1,2-Dibromoethane	0.440	0.410	6.8	87	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	0.415	0.387	6.7	94	0.01
57 T	Chlorobenzene	0.721	0.643	10.8	91	0.01
58 T	Ethyl Benzene	1.169	1.098	6.1	88	0.02
59 T	m/p-Xylene	1.023	0.946	7.5	90	0.00
60 T	o-Xylene	0.971	0.908	6.5	90	0.01
61 T	Styrene	0.527	0.531	-0.8	85	0.01
62	Isopropylbenzene	1.460	1.307	10.5	87	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.594	21.0	86	0.01
64	n-propylbenzene	0.383	0.347	9.4	86	0.02
65	tert-Butylbenzene	1.312	1.182	9.9	89	0.01
66 T	Benzyl Chloride	0.248	0.294	-18.5	91	0.01
67	sec-Butylbenzene	1.876	1.677	10.6	88	0.01
68 S	1-Bromo-4-Fluorobenzene	0.767	0.798	-4.0	96	0.01
69	p-Isopropyltoluene	1.531	1.401	8.5	88	0.01
70	n-Butylbenzene	1.579	1.467	7.1	88	0.02
71	2-Chlorotoluene	1.083	0.963	11.1	85	0.02
72 T	4-Ethyltoluene	1.146	1.077	6.0	87	0.01
73 T	1,3,5-Trimethylbenzene	1.044	0.939	10.1	86	0.01
74 T	1,2,4-Trimethylbenzene	1.138	1.036	9.0	89	0.01
75 T	1,3-Dichlorobenzene	0.725	0.633	12.7	87	0.02
76 T	1,4-Dichlorobenzene	0.721	0.614	14.8	83	0.02
77 T	1,2-Dichlorobenzene	0.718	0.631	12.1	88	0.02
78 T	Hexachloro-1,3-Butadiene	0.663	0.577	13.0	99	0.01
79 T	Naphthalene	0.869	1.017	-17.0	93	0.02
80 T	Naphthalene,2-methyl-	0.233	0.193	17.2	66	0.01
81 T	1,2,4-Trichlorobenzene	0.595	0.598	-0.5	94	0.02

(#) = Out of Range

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