

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038792.D
 Acq On : 29 Mar 2022 7:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 29 08:26:43 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	90	0.00
2 T	Dichlorodifluoromethane	1.344	1.230	8.5	96	0.00
3	Chlorodifluoromethane	1.056	1.053	0.3	97	0.00
4	Chloromethane	0.580	0.584	-0.7	96	0.00
5 T	Vinyl Chloride	0.589	0.555	5.8	95	0.00
6 T	Bromomethane	0.314	0.295	6.1	88	0.00
7	Chloroethane	0.195	0.192	1.5	92	0.00
8 T	Dichlorotetrafluoroethane	1.342	1.262	6.0	90	0.00
9 T	Propene	0.510	0.516	-1.2	98	0.00
10 T	Heptane	1.219	1.302	-6.8	94	0.00
11 T	Trichlorofluoromethane	1.186	1.194	-0.7	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	0.971	-6.4	98	0.00
13	Ethanol	0.056	0.041#	26.8	87	0.00
14 T	Bromoethene	0.406	0.405	0.2	94	0.00
15 T	Acetone	0.863	0.820	5.0	94	0.00
16 T	1,3-Butadiene	0.490	0.495	-1.0	95	0.00
17	tert-Butyl alcohol	0.754	0.910	-20.7	109	0.00
18 T	1,1-Dichloroethene	0.410	0.443	-8.0	101	0.00
19 T	Isopropyl Alcohol	0.478	0.499	-4.4	95	0.00
20 T	Methylene Chloride	0.363	0.358	1.4	98	0.00
21 T	Allyl Chloride	0.621	0.656	-5.6	97	0.00
22 T	trans-1,2-Dichloroethene	0.426	0.476	-11.7	100	0.00
23 T	Vinyl Acetate	0.836	0.967	-15.7	100	0.00
24 T	1,1-Dichloroethane	0.823	0.874	-6.2	97	0.00
25 T	Ethyl Acetate	2.172	2.186	-0.6	93	0.00
26 T	Hexane	0.972	0.981	-0.9	95	0.00
27 T	Carbon Disulfide	0.954	1.115	-16.9	98	0.00
28 T	Methyl tert-Butyl Ether	0.724	0.844	-16.6	107	0.00
29 T	Chloroform	1.557	1.533	1.5	93	0.00
30 T	Cyclohexane	0.846	0.899	-6.3	98	0.00
31 T	cis-1,2-Dichloroethene	0.914	0.768	16.0	76	0.00
32 T	1,1,1-Trichloroethane	1.503	1.548	-3.0	97	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
34 T	2-Butanone	0.396	0.340	14.1	94	0.00
35 T	Carbon Tetrachloride	0.580	0.555	4.3	96	0.00
36 T	Benzene	0.772	0.745	3.5	97	0.00
37 T	1,2-Dichloroethane	0.393	0.368	6.4	95	0.00
38 T	Trichloroethene	0.323	0.330	-2.2	102	0.00
39 T	1,2-Dichloropropane	0.302	0.283	6.3	95	0.00
40 T	1,4-Dioxane	0.105	0.097	7.6	90	0.00
41 T	Tetrahydrofuran	0.295	0.288	2.4	96	0.00
42 T	Bromodichloromethane	0.589	0.588	0.2	97	0.00
43	Methyl Methacrylate	0.287	0.299	-4.2	97	0.00
44 T	2,2,4-Trimethylpentane	1.296	1.202	7.3	95	0.00
45 T	t-1,3-Dichloropropene	0.291	0.315	-8.2	93	0.00
46 T	cis-1,3-Dichloropropene	0.394	0.394	0.0	90	0.00
47 T	1,1,2-Trichloroethane	0.322	0.307	4.7	97	0.00
48 T	Dibromochloromethane	0.505	0.528	-4.6	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.411	0.440	-7.1	97	0.00
50 T	4-Methyl-2-Pentanone	0.736	0.720	2.2	93	0.00
51 T	2-Hexanone	0.529	0.543	-2.6	90	0.00
52 T	Tetrachloroethene	0.282	0.282	0.0	102	0.00
53 T	Toluene	0.829	0.857	-3.4	98	0.00
54 T	1,2-Dibromoethane	0.440	0.449	-2.0	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
56	1,1,1,2-Tetrachloroethane	0.415	0.427	-2.9	97	0.00
57 T	Chlorobenzene	0.721	0.743	-3.1	98	0.00
58 T	Ethyl Benzene	1.169	1.293	-10.6	97	0.00
59 T	m/p-Xylene	1.023	1.067	-4.3	94	0.00
60 T	o-Xylene	0.971	1.000	-3.0	92	0.00
61 T	Styrene	0.527	0.616	-16.9	92	0.00
62	Isopropylbenzene	1.460	1.522	-4.2	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.661	12.1	89	0.00
64	n-propylbenzene	0.383	0.410	-7.0	95	0.00
65	tert-Butylbenzene	1.312	1.316	-0.3	93	0.00
66 T	Benzyl Chloride	0.248	0.220	11.3	64	-0.01
67	sec-Butylbenzene	1.876	1.872	0.2	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.767	0.817	-6.5	92	0.00
69	p-Isopropyltoluene	1.531	1.551	-1.3	91	0.00
70	n-Butylbenzene	1.579	1.535	2.8	86	0.00
71	2-Chlorotoluene	1.083	1.099	-1.5	91	0.00
72 T	4-Ethyltoluene	1.146	1.229	-7.2	93	0.00
73 T	1,3,5-Trimethylbenzene	1.044	1.082	-3.6	93	0.00
74 T	1,2,4-Trimethylbenzene	1.138	1.135	0.3	91	0.00
75 T	1,3-Dichlorobenzene	0.725	0.707	2.5	91	0.00
76 T	1,4-Dichlorobenzene	0.721	0.698	3.2	88	0.00
77 T	1,2-Dichlorobenzene	0.718	0.684	4.7	89	0.00
78 T	Hexachloro-1,3-Butadiene	0.663	0.462	30.3#	74	0.00
79 T	Naphthalene	0.869	0.799	8.1	68	0.00
80 T	Naphthalene,2-methyl-	0.233	0.168	27.9	53	0.00
81 T	1,2,4-Trichlorobenzene	0.595	0.486	18.3	71	0.00

(#) = Out of Range

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