

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032322\
 Data File : VL038747.D
 Acq On : 24 Mar 2022 12:05
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 26 11:00:40 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	92	0.01
2 T	Dichlorodifluoromethane	1.344	1.313	2.3	104	0.00
3	Chlorodifluoromethane	1.056	1.053	0.3	99	0.01
4	Chloromethane	0.580	0.545	6.0	91	0.01
5 T	Vinyl Chloride	0.589	0.546	7.3	95	0.00
6 T	Bromomethane	0.314	0.308	1.9	93	0.00
7	Chloroethane	0.195	0.187	4.1	91	0.01
8 T	Dichlorotetrafluoroethane	1.342	1.270	5.4	92	0.00
9 T	Propene	0.510	0.501	1.8	97	0.00
10 T	Heptane	1.219	1.216	0.2	90	0.01
11 T	Trichlorofluoromethane	1.186	1.143	3.6	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.913	0.894	2.1	92	0.00
13	Ethanol	0.056	0.028#	50.0#	61	0.01
14 T	Bromoethene	0.406	0.411	-1.2	97	0.00
15 T	Acetone	0.863	0.795	7.9	92	0.01
16 T	1,3-Butadiene	0.490	0.479	2.2	93	0.01
17	tert-Butyl alcohol	0.754	0.886	-17.5	108	0.01
18 T	1,1-Dichloroethene	0.410	0.401	2.2	93	0.01
19 T	Isopropyl Alcohol	0.478	0.456	4.6	89	0.01
20 T	Methylene Chloride	0.363	0.333	8.3	93	0.02
21 T	Allyl Chloride	0.621	0.639	-2.9	96	0.01
22 T	trans-1,2-Dichloroethene	0.426	0.450	-5.6	96	0.00
23 T	Vinyl Acetate	0.836	0.629	24.8	66	0.01
24 T	1,1-Dichloroethane	0.823	0.803	2.4	91	0.00
25 T	Ethyl Acetate	2.172	2.355	-8.4	102	0.01
26 T	Hexane	0.972	0.948	2.5	93	0.01
27 T	Carbon Disulfide	0.954	1.051	-10.2	94	0.01
28 T	Methyl tert-Butyl Ether	0.724	0.800	-10.5	103	0.01
29 T	Chloroform	1.557	1.495	4.0	92	0.01
30 T	Cyclohexane	0.846	0.836	1.2	93	0.01
31 T	cis-1,2-Dichloroethene	0.914	0.931	-1.9	93	0.01
32 T	1,1,1-Trichloroethane	1.503	1.498	0.3	95	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.01
34 T	2-Butanone	0.396	0.333	15.9	92	0.01
35 T	Carbon Tetrachloride	0.580	0.552	4.8	95	0.01
36 T	Benzene	0.772	0.725	6.1	93	0.00
37 T	1,2-Dichloroethane	0.393	0.366	6.9	94	0.01
38 T	Trichloroethene	0.323	0.298	7.7	91	0.00
39 T	1,2-Dichloropropane	0.302	0.273	9.6	91	0.02
40 T	1,4-Dioxane	0.105	0.098	6.7	90	0.02
41 T	Tetrahydrofuran	0.295	0.283	4.1	93	0.01
42 T	Bromodichloromethane	0.589	0.566	3.9	93	0.00
43	Methyl Methacrylate	0.287	0.310	-8.0	99	0.01
44 T	2,2,4-Trimethylpentane	1.296	1.158	10.6	91	0.00
45 T	t-1,3-Dichloropropene	0.291	0.339	-16.5	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.394	0.415	-5.3	94	0.02
47 T	1,1,2-Trichloroethane	0.322	0.298	7.5	93	0.02
48 T	Dibromochloromethane	0.505	0.515	-2.0	94	0.01
49 T	Bromoform	0.411	0.431	-4.9	94	0.01
50 T	4-Methyl-2-Pentanone	0.736	0.697	5.3	89	0.01
51 T	2-Hexanone	0.529	0.543	-2.6	89	0.00
52 T	Tetrachloroethene	0.282	0.275	2.5	99	0.01
53 T	Toluene	0.829	0.825	0.5	93	0.01
54 T	1,2-Dibromoethane	0.440	0.441	-0.2	94	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	0.415	0.408	1.7	98	0.00
57 T	Chlorobenzene	0.721	0.663	8.0	93	0.01
58 T	Ethyl Benzene	1.169	1.179	-0.9	94	0.01
59 T	m/p-Xylene	1.023	0.974	4.8	92	0.00
60 T	o-Xylene	0.971	0.924	4.8	91	0.01
61 T	Styrene	0.527	0.580	-10.1	93	0.01
62	Isopropylbenzene	1.460	1.454	0.4	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.641	14.8	92	0.00
64	n-propylbenzene	0.383	0.396	-3.4	98	0.01
65	tert-Butylbenzene	1.312	1.277	2.7	96	0.01
66 T	Benzyl Chloride	0.248	0.291	-17.3	90	0.00
67	sec-Butylbenzene	1.876	1.828	2.6	95	0.01
68 S	1-Bromo-4-Fluorobenzene	0.767	0.741	3.4	89	0.00
69	p-Isopropyltoluene	1.531	1.524	0.5	96	0.01
70	n-Butylbenzene	1.579	1.533	2.9	91	0.01
71	2-Chlorotoluene	1.083	1.084	-0.1	96	0.01
72 T	4-Ethyltoluene	1.146	1.153	-0.6	93	0.01
73 T	1,3,5-Trimethylbenzene	1.044	0.995	4.7	91	0.00
74 T	1,2,4-Trimethylbenzene	1.138	1.047	8.0	90	0.01
75 T	1,3-Dichlorobenzene	0.725	0.669	7.7	91	0.01
76 T	1,4-Dichlorobenzene	0.721	0.653	9.4	88	0.01
77 T	1,2-Dichlorobenzene	0.718	0.648	9.7	90	0.01
78 T	Hexachloro-1,3-Butadiene	0.663	0.489	26.2	83	0.00
79 T	Naphthalene	0.869	0.890	-2.4	81	0.01
80 T	Naphthalene,2-methyl-	0.233	0.240	-3.0	81	0.01
81 T	1,2,4-Trichlorobenzene	0.595	0.508	14.6	79	0.01

(#) = Out of Range

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