

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
 Data File : VL038765.D
 Acq On : 25 Mar 2022 14:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 26 10:42:38 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	88	0.04
2 T	Dichlorodifluoromethane	1.344	1.138	15.3	87	0.03
3	Chlorodifluoromethane	1.056	0.950	10.0	85	0.03
4	Chloromethane	0.580	0.519	10.5	84	0.03
5 T	Vinyl Chloride	0.589	0.557	5.4	93	0.03
6 T	Bromomethane	0.314	0.330	-5.1	96	0.03
7	Chloroethane	0.195	0.190	2.6	89	0.03
8 T	Dichlorotetrafluoroethane	1.342	1.338	0.3	93	0.03
9 T	Propene	0.510	0.399	21.8	74	0.02
10 T	Heptane	1.219	1.072	12.1	76	0.04
11 T	Trichlorofluoromethane	1.186	1.318	-11.1	101	0.03
12 T	1,1,2-Trichlorotrifluoroeth	0.913	1.000	-9.5	99	0.03
13	Ethanol	0.056	0.030#	46.4#	63	0.03
14 T	Bromoethene	0.406	0.443	-9.1	100	0.03
15 T	Acetone	0.863	0.882	-2.2	98	0.03
16 T	1,3-Butadiene	0.490	0.478	2.4	89	0.03
17	tert-Butyl alcohol	0.754	0.959	-27.2	112	0.03
18 T	1,1-Dichloroethene	0.410	0.434	-5.9	97	0.03
19 T	Isopropyl Alcohol	0.478	0.466	2.5	87	0.03
20 T	Methylene Chloride	0.363	0.368	-1.4	99	0.03
21 T	Allyl Chloride	0.621	0.681	-9.7	98	0.04
22 T	trans-1,2-Dichloroethene	0.426	0.466	-9.4	96	0.03
23 T	Vinyl Acetate	0.836	0.624	25.4	63	0.04
24 T	1,1-Dichloroethane	0.823	0.874	-6.2	95	0.03
25 T	Ethyl Acetate	2.172	2.184	-0.6	91	0.03
26 T	Hexane	0.972	0.868	10.7	82	0.04
27 T	Carbon Disulfide	0.954	1.137	-19.2	98	0.03
28 T	Methyl tert-Butyl Ether	0.724	0.801	-10.6	99	0.04
29 T	Chloroform	1.557	1.458	6.4	86	0.04
30 T	Cyclohexane	0.846	0.760	10.2	81	0.04
31 T	cis-1,2-Dichloroethene	0.914	0.871	4.7	84	0.03
32 T	1,1,1-Trichloroethane	1.503	1.431	4.8	87	0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.04
34 T	2-Butanone	0.396	0.410	-3.5	104	0.04
35 T	Carbon Tetrachloride	0.580	0.560	3.4	89	0.04
36 T	Benzene	0.772	0.676	12.4	81	0.04
37 T	1,2-Dichloroethane	0.393	0.367	6.6	87	0.04
38 T	Trichloroethene	0.323	0.288	10.8	82	0.04
39 T	1,2-Dichloropropane	0.302	0.255	15.6	78	0.04
40 T	1,4-Dioxane	0.105	0.064	39.0#	55	0.04
41 T	Tetrahydrofuran	0.295	0.249	15.6	76	0.04
42 T	Bromodichloromethane	0.589	0.559	5.1	85	0.04
43	Methyl Methacrylate	0.287	0.288	-0.3	85	0.04
44 T	2,2,4-Trimethylpentane	1.296	1.100	15.1	80	0.04
45 T	t-1,3-Dichloropropene	0.291	0.314	-7.9	85	0.04

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.394	0.393	0.3	82	0.04
47 T	1,1,2-Trichloroethane	0.322	0.283	12.1	82	0.04
48 T	Dibromochloromethane	0.505	0.502	0.6	84	0.04
49 T	Bromoform	0.411	0.417	-1.5	84	0.04
50 T	4-Methyl-2-Pentanone	0.736	0.638	13.3	76	0.04
51 T	2-Hexanone	0.529	0.486	8.1	74	0.04
52 T	Tetrachloroethene	0.282	0.247	12.4	82	0.04
53 T	Toluene	0.829	0.784	5.4	82	0.04
54 T	1,2-Dibromoethane	0.440	0.422	4.1	83	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.04
56	1,1,1,2-Tetrachloroethane	0.415	0.403	2.9	91	0.04
57 T	Chlorobenzene	0.721	0.629	12.8	83	0.04
58 T	Ethyl Benzene	1.169	1.074	8.1	80	0.04
59 T	m/p-Xylene	1.023	0.938	8.3	83	0.04
60 T	o-Xylene	0.971	0.895	7.8	83	0.04
61 T	Styrene	0.527	0.527	0.0	79	0.04
62	Isopropylbenzene	1.460	1.372	6.0	86	0.04
63 T	1,1,2,2-Tetrachloroethane	0.752	0.621	17.4	84	0.04
64	n-propylbenzene	0.383	0.363	5.2	84	0.04
65	tert-Butylbenzene	1.312	1.226	6.6	87	0.04
66 T	Benzyl Chloride	0.248	0.269	-8.5	78	0.04
67	sec-Butylbenzene	1.876	1.740	7.2	85	0.04
68 S	1-Bromo-4-Fluorobenzene	0.767	0.787	-2.6	89	0.04
69	p-Isopropyltoluene	1.531	1.437	6.1	85	0.04
70	n-Butylbenzene	1.579	1.484	6.0	83	0.04
71	2-Chlorotoluene	1.083	1.001	7.6	83	0.04
72 T	4-Ethyltoluene	1.146	1.077	6.0	82	0.04
73 T	1,3,5-Trimethylbenzene	1.044	0.941	9.9	81	0.04
74 T	1,2,4-Trimethylbenzene	1.138	1.028	9.7	83	0.04
75 T	1,3-Dichlorobenzene	0.725	0.619	14.6	79	0.04
76 T	1,4-Dichlorobenzene	0.721	0.608	15.7	77	0.04
77 T	1,2-Dichlorobenzene	0.718	0.599	16.6	78	0.04
78 T	Hexachloro-1,3-Butadiene	0.663	0.455	31.4#	73	0.04
79 T	Naphthalene	0.869	0.812	6.6	69	0.05
80 T	Naphthalene,2-methyl-	0.233	0.205	12.0	65	0.04
81 T	1,2,4-Trichlorobenzene	0.595	0.465	21.8	68	0.05

(#) = Out of Range

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