

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020321\
 Data File : VL036292.D
 Acq On : 3 Feb 2021 11:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 04 01:45:47 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 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	101	0.04
2 T	Dichlorodifluoromethane	1.340	1.075	19.8	96	0.03
3	Chlorodifluoromethane	1.228	1.202	2.1	109	0.03
4	Chloromethane	0.607	0.591	2.6	108	0.03
5 T	Vinyl Chloride	0.574	0.587	-2.3	112	0.03
6 T	Bromomethane	0.321	0.325	-1.2	110	0.03
7	Chloroethane	0.198	0.211	-6.6	113	0.04
8 T	Dichlorotetrafluoroethane	1.299	1.352	-4.1	117	0.03
9 T	Propene	0.585	0.525	10.3	107	0.03
10 T	Heptane	1.452	1.362	6.2	104	0.04
11 T	Trichlorofluoromethane	1.363	1.434	-5.2	120	0.03
12 T	1,1,2-Trichlorotrifluoroeth	0.826	0.866	-4.8	117	0.04
13	Ethanol	0.092	0.106	-15.2	148	0.04
14 T	Bromoethene	0.376	0.380	-1.1	111	0.03
15 T	Acetone	1.225	1.119	8.7	112	0.03
16 T	1,3-Butadiene	0.597	0.563	5.7	106	0.03
17	tert-Butyl alcohol	1.011	1.027	-1.6	112	0.03
18 T	1,1-Dichloroethene	0.383	0.375	2.1	113	0.04
19 T	Isopropyl Alcohol	0.738	0.708	4.1	112	0.03
20 T	Methylene Chloride	0.391	0.353	9.7	118	0.03
21 T	Allyl Chloride	0.667	0.667	0.0	105	0.04
22 T	trans-1,2-Dichloroethene	0.354	0.369	-4.2	115	0.04
23 T	Vinyl Acetate	1.484	1.500	-1.1	106	0.04
24 T	1,1-Dichloroethane	1.075	1.114	-3.6	117	0.04
25 T	Ethyl Acetate	2.459	2.344	4.7	109	0.04
26 T	Hexane	1.024	0.958	6.4	111	0.04
27 T	Carbon Disulfide	0.819	0.966	-17.9	115	0.04
28 T	Methyl tert-Butyl Ether	1.384	1.386	-0.1	112	0.04
29 T	Chloroform	1.466	1.527	-4.2	115	0.04
30 T	Cyclohexane	0.782	0.786	-0.5	106	0.04
31 T	cis-1,2-Dichloroethene	0.978	0.986	-0.8	107	0.04
32 T	1,1,1-Trichloroethane	1.418	1.495	-5.4	114	0.04
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.04
34 T	2-Butanone	0.736	0.659	10.5	106	0.04
35 T	Carbon Tetrachloride	0.632	0.672	-6.3	116	0.04
36 T	Benzene	0.916	0.879	4.0	109	0.04
37 T	1,2-Dichloroethane	0.551	0.556	-0.9	113	0.04
38 T	Trichloroethene	0.339	0.298	12.1	116	0.05
39 T	1,2-Dichloropropane	0.372	0.358	3.8	108	0.04
40 T	1,4-Dioxane	0.135	0.119	11.9	119	0.04
41 T	Tetrahydrofuran	0.426	0.403	5.4	105	0.04
42 T	Bromodichloromethane	0.693	0.739	-6.6	115	0.04
43	Methyl Methacrylate	0.389	0.401	-3.1	111	0.04
44 T	2,2,4-Trimethylpentane	1.683	1.519	9.7	108	0.04
45 T	t-1,3-Dichloropropene	0.370	0.440	-18.9	113	0.04
46 T	cis-1,3-Dichloropropene	0.475	0.519	-9.3	109	0.05
47 T	1,1,2-Trichloroethane	0.356	0.353	0.8	113	0.05
48 T	Dibromochloromethane	0.521	0.574	-10.2	114	0.05

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.435	0.476	-9.4	113	0.04
50 T	4-Methyl-2-Pentanone	1.098	1.040	5.3	106	0.05
51 T	2-Hexanone	0.866	0.850	1.8	105	0.04
52 T	Tetrachloroethene	0.338	0.285	15.7	112	0.05
53 T	Toluene	1.025	0.982	4.2	109	0.04
54 T	1,2-Dibromoethane	0.528	0.524	0.8	111	0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.05
56	1,1,1,2-Tetrachloroethane	0.446	0.446	0.0	115	0.05
57 T	Chlorobenzene	0.785	0.728	7.3	112	0.04
58 T	Ethyl Benzene	1.484	1.389	6.4	110	0.05
59 T	m/p-Xylene	1.275	1.186	7.0	112	0.05
60 T	o-Xylene	1.229	1.106	10.0	112	0.05
61 T	Styrene	0.776	0.779	-0.4	109	0.04
62	Isopropylbenzene	1.827	1.646	9.9	110	0.05
63 T	1,1,2,2-Tetrachloroethane	0.915	0.795	13.1	115	0.05
64	n-propylbenzene	0.449	0.423	5.8	111	0.05
65	tert-Butylbenzene	1.548	1.403	9.4	113	0.05
66 T	Benzyl Chloride	0.396	0.538	-35.9#	119	0.04
67	sec-Butylbenzene	2.299	2.010	12.6	110	0.05
68 S	1-Bromo-4-Fluorobenzene	0.828	0.868	-4.8	106	0.05
69	p-Isopropyltoluene	1.823	1.649	9.5	111	0.05
70	n-Butylbenzene	1.942	1.774	8.7	111	0.04
71	2-Chlorotoluene	1.436	1.307	9.0	109	0.05
72 T	4-Ethyltoluene	1.387	1.259	9.2	108	0.04
73 T	1,3,5-Trimethylbenzene	1.322	1.209	8.5	109	0.05
74 T	1,2,4-Trimethylbenzene	1.356	1.230	9.3	112	0.05
75 T	1,3-Dichlorobenzene	0.727	0.666	8.4	114	0.05
76 T	1,4-Dichlorobenzene	0.719	0.661	8.1	112	0.05
77 T	1,2-Dichlorobenzene	0.710	0.665	6.3	114	0.05
78 T	Hexachloro-1,3-Butadiene	0.568	0.465	18.1	108	0.05
79 T	Naphthalene	0.793	0.902	-13.7	109	0.05
80 T	Naphthalene,2-methyl-	0.169	0.245	-45.0#	111	0.04
81 T	1,2,4-Trichlorobenzene	0.463	0.461	0.4	108	0.05

(#) = Out of Range

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