

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036746.D
 Acq On : 8 Apr 2021 10:33
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 09 08:47:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	77	-0.02
2 T	Dichlorodifluoromethane	1.631	1.618	0.8	82	0.00
3	Chlorodifluoromethane	1.868	1.946	-4.2	89	0.00
4	Chloromethane	0.660	0.698	-5.8	87	0.00
5 T	Vinyl Chloride	0.679	0.684	-0.7	84	0.00
6 T	Bromomethane	0.374	0.366	2.1	80	0.00
7	Chloroethane	0.233	0.230	1.3	84	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.578	-1.3	84	0.00
9 T	Propene	0.596	0.625	-4.9	84	0.00
10 T	Heptane	1.517	1.622	-6.9	84	-0.02
11 T	Trichlorofluoromethane	1.662	1.641	1.3	83	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	1.064	-0.1	81	0.00
13	Ethanol	0.071	0.070	1.4	78	0.00
14 T	Bromoethene	0.442	0.463	-4.8	83	0.00
15 T	Acetone	0.984	0.922	6.3	83	0.00
16 T	1,3-Butadiene	0.685	0.672	1.9	79	0.00
17	tert-Butyl alcohol	0.857	0.954	-11.3	89	-0.01
18 T	1,1-Dichloroethene	0.473	0.480	-1.5	82	0.00
19 T	Isopropyl Alcohol	0.541	0.564	-4.3	84	0.00
20 T	Methylene Chloride	0.461	0.416	9.8	80	0.00
21 T	Allyl Chloride	0.785	0.806	-2.7	80	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.459	-4.8	82	0.00
23 T	Vinyl Acetate	1.684	1.840	-9.3	85	-0.01
24 T	1,1-Dichloroethane	1.227	1.201	2.1	79	0.00
25 T	Ethyl Acetate	2.340	2.501	-6.9	87	-0.02
26 T	Hexane	1.086	1.156	-6.4	85	0.00
27 T	Carbon Disulfide	1.070	1.174	-9.7	83	-0.01
28 T	Methyl tert-Butyl Ether	1.281	1.342	-4.8	81	0.00
29 T	Chloroform	1.737	1.831	-5.4	87	0.00
30 T	Cyclohexane	0.881	0.977	-10.9	86	-0.02
31 T	cis-1,2-Dichloroethene	1.050	1.125	-7.1	82	-0.01
32 T	1,1,1-Trichloroethane	1.750	1.860	-6.3	87	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	-0.01
34 T	2-Butanone	0.488	0.481	1.4	83	-0.02
35 T	Carbon Tetrachloride	0.768	0.757	1.4	89	0.00
36 T	Benzene	0.922	0.951	-3.1	88	-0.01
37 T	1,2-Dichloroethane	0.543	0.542	0.2	85	-0.01
38 T	Trichloroethene	0.359	0.343	4.5	88	-0.02
39 T	1,2-Dichloropropane	0.374	0.372	0.5	85	-0.02
40 T	1,4-Dioxane	0.087	0.091	-4.6	93	-0.01
41 T	Tetrahydrofuran	0.225	0.230	-2.2	80	-0.01
42 T	Bromodichloromethane	0.738	0.767	-3.9	86	-0.02
43	Methyl Methacrylate	0.310	0.343	-10.6	85	-0.02
44 T	2,2,4-Trimethylpentane	1.623	1.589	2.1	88	-0.01
45 T	t-1,3-Dichloropropene	0.354	0.407	-15.0	84	-0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.507	-12.2	85	-0.02
47 T	1,1,2-Trichloroethane	0.379	0.383	-1.1	88	-0.01
48 T	Dibromochloromethane	0.578	0.636	-10.0	87	-0.01
49 T	Bromoform	0.465	0.523	-12.5	87	-0.01
50 T	4-Methyl-2-Pentanone	0.706	0.734	-4.0	83	-0.01
51 T	2-Hexanone	0.356	0.390	-9.6	79	0.00
52 T	Tetrachloroethene	0.340	0.322	5.3	86	-0.02
53 T	Toluene	0.982	1.059	-7.8	87	-0.02
54 T	1,2-Dibromoethane	0.535	0.552	-3.2	87	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	80	-0.01
56	1,1,1,2-Tetrachloroethane	0.452	0.473	-4.6	87	-0.02
57 T	Chlorobenzene	0.851	0.876	-2.9	90	-0.01
58 T	Ethyl Benzene	1.455	1.591	-9.3	88	-0.01
59 T	m/p-Xylene	1.269	1.339	-5.5	89	-0.02
60 T	o-Xylene	1.227	1.260	-2.7	88	0.00
61 T	Styrene	0.617	0.741	-20.1	86	-0.01
62	Isopropylbenzene	1.652	1.716	-3.9	89	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.936	0.913	2.5	91	-0.02
64	n-propylbenzene	0.404	0.458	-13.4	92	-0.01
65	tert-Butylbenzene	1.433	1.507	-5.2	90	0.00
66 T	Benzyl Chloride	0.158	0.196	-24.1	90	-0.02
67	sec-Butylbenzene	2.022	2.114	-4.5	91	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.797	0.809	-1.5	77	-0.01
69	p-Isopropyltoluene	1.579	1.751	-10.9	92	0.00
70	n-Butylbenzene	1.638	1.802	-10.0	92	0.00
71	2-Chlorotoluene	1.238	1.328	-7.3	89	-0.02
72 T	4-Ethyltoluene	1.344	1.497	-11.4	90	-0.01
73 T	1,3,5-Trimethylbenzene	1.255	1.358	-8.2	90	-0.02
74 T	1,2,4-Trimethylbenzene	1.343	1.407	-4.8	91	-0.01
75 T	1,3-Dichlorobenzene	0.756	0.816	-7.9	92	-0.01
76 T	1,4-Dichlorobenzene	0.750	0.803	-7.1	93	-0.01
77 T	1,2-Dichlorobenzene	0.710	0.780	-9.9	94	-0.01
78 T	Hexachloro-1,3-Butadiene	0.636	0.581	8.6	89	0.00
79 T	Naphthalene	0.784	0.948	-20.9	82	-0.01
80 T	Naphthalene,2-methyl-	0.155	0.198	-27.7	65	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.555	-14.7	87	-0.02

(#) = Out of Range

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