

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036769.D
 Acq On : 9 Apr 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 10 03:14:41 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	88	-0.02
2 T	Dichlorodifluoromethane	1.631	1.354	17.0	78	0.00
3	Chlorodifluoromethane	1.868	1.625	13.0	85	0.00
4	Chloromethane	0.660	0.582	11.8	83	-0.01
5 T	Vinyl Chloride	0.679	0.556	18.1	78	0.00
6 T	Bromomethane	0.374	0.325	13.1	81	0.00
7	Chloroethane	0.233	0.200	14.2	84	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.358	12.8	83	0.00
9 T	Propene	0.596	0.534	10.4	82	0.00
10 T	Heptane	1.517	1.381	9.0	82	-0.02
11 T	Trichlorofluoromethane	1.662	1.418	14.7	82	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.932	12.3	81	0.00
13	Ethanol	0.071	0.073	-2.8	92	-0.02
14 T	Bromoethene	0.442	0.381	13.8	78	0.00
15 T	Acetone	0.984	0.777	21.0	80	-0.01
16 T	1,3-Butadiene	0.685	0.588	14.2	79	0.00
17	tert-Butyl alcohol	0.857	0.901	-5.1	96	-0.02
18 T	1,1-Dichloroethene	0.473	0.403	14.8	79	-0.01
19 T	Isopropyl Alcohol	0.541	0.535	1.1	91	-0.02
20 T	Methylene Chloride	0.461	0.371	19.5	82	-0.01
21 T	Allyl Chloride	0.785	0.709	9.7	80	-0.02
22 T	trans-1,2-Dichloroethene	0.438	0.405	7.5	83	-0.01
23 T	Vinyl Acetate	1.684	1.601	4.9	84	-0.02
24 T	1,1-Dichloroethane	1.227	1.078	12.1	81	-0.01
25 T	Ethyl Acetate	2.340	2.143	8.4	85	-0.02
26 T	Hexane	1.086	0.998	8.1	84	-0.01
27 T	Carbon Disulfide	1.070	1.056	1.3	85	-0.02
28 T	Methyl tert-Butyl Ether	1.281	1.215	5.2	84	-0.02
29 T	Chloroform	1.737	1.560	10.2	85	-0.01
30 T	Cyclohexane	0.881	0.862	2.2	86	-0.02
31 T	cis-1,2-Dichloroethene	1.050	0.998	5.0	83	-0.01
32 T	1,1,1-Trichloroethane	1.750	1.583	9.5	85	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.01
34 T	2-Butanone	0.488	0.417	14.5	82	-0.02
35 T	Carbon Tetrachloride	0.768	0.656	14.6	88	-0.02
36 T	Benzene	0.922	0.816	11.5	86	-0.02
37 T	1,2-Dichloroethane	0.543	0.471	13.3	84	-0.01
38 T	Trichloroethene	0.359	0.290	19.2	85	-0.02
39 T	1,2-Dichloropropane	0.374	0.316	15.5	83	-0.02
40 T	1,4-Dioxane	0.087	0.084	3.4	98	-0.02
41 T	Tetrahydrofuran	0.225	0.203	9.8	80	-0.01
42 T	Bromodichloromethane	0.738	0.664	10.0	85	-0.02
43	Methyl Methacrylate	0.310	0.294	5.2	83	-0.02
44 T	2,2,4-Trimethylpentane	1.623	1.365	15.9	86	-0.02
45 T	t-1,3-Dichloropropene	0.354	0.353	0.3	84	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.442	2.2	85	-0.02
47 T	1,1,2-Trichloroethane	0.379	0.333	12.1	87	-0.02
48 T	Dibromochloromethane	0.578	0.552	4.5	86	-0.02
49 T	Bromoform	0.465	0.453	2.6	86	-0.02
50 T	4-Methyl-2-Pentanone	0.706	0.627	11.2	81	-0.02
51 T	2-Hexanone	0.356	0.335	5.9	77	-0.02
52 T	Tetrachloroethene	0.340	0.275	19.1	84	-0.02
53 T	Toluene	0.982	0.918	6.5	86	-0.02
54 T	1,2-Dibromoethane	0.535	0.481	10.1	86	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.01
56	1,1,1,2-Tetrachloroethane	0.452	0.449	0.7	87	-0.02
57 T	Chlorobenzene	0.851	0.814	4.3	88	-0.02
58 T	Ethyl Benzene	1.455	1.482	-1.9	86	-0.01
59 T	m/p-Xylene	1.269	1.256	1.0	87	-0.02
60 T	o-Xylene	1.227	1.177	4.1	87	-0.02
61 T	Styrene	0.617	0.691	-12.0	84	-0.02
62	Isopropylbenzene	1.652	1.594	3.5	86	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.936	0.862	7.9	90	-0.02
64	n-propylbenzene	0.404	0.419	-3.7	88	-0.02
65	tert-Butylbenzene	1.433	1.393	2.8	88	-0.01
66 T	Benzyl Chloride	0.158	0.189	-19.6	92	-0.02
67	sec-Butylbenzene	2.022	1.955	3.3	88	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.797	0.693	13.0	69	-0.02
69	p-Isopropyltoluene	1.579	1.618	-2.5	89	-0.02
70	n-Butylbenzene	1.638	1.661	-1.4	89	-0.02
71	2-Chlorotoluene	1.238	1.232	0.5	87	-0.02
72 T	4-Ethyltoluene	1.344	1.405	-4.5	89	-0.02
73 T	1,3,5-Trimethylbenzene	1.255	1.262	-0.6	87	-0.02
74 T	1,2,4-Trimethylbenzene	1.343	1.305	2.8	89	-0.01
75 T	1,3-Dichlorobenzene	0.756	0.758	-0.3	90	-0.02
76 T	1,4-Dichlorobenzene	0.750	0.721	3.9	88	-0.02
77 T	1,2-Dichlorobenzene	0.710	0.728	-2.5	92	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.533	16.2	86	-0.01
79 T	Naphthalene	0.784	0.892	-13.8	81	-0.02
80 T	Naphthalene,2-methyl-	0.155	0.180	-16.1	62	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.498	-2.9	82	-0.02

(#) = Out of Range

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