

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036701.D
 Acq On : 6 Apr 2021 15:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 07 05:53:19 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	78	0.00
2 T	Dichlorodifluoromethane	1.631	1.684	-3.2	86	0.00
3	Chlorodifluoromethane	1.868	1.856	0.6	86	0.00
4	Chloromethane	0.660	0.650	1.5	82	0.00
5 T	Vinyl Chloride	0.679	0.644	5.2	80	0.00
6 T	Bromomethane	0.374	0.368	1.6	82	0.00
7	Chloroethane	0.233	0.219	6.0	82	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.494	4.0	81	0.00
9 T	Propene	0.596	0.598	-0.3	82	0.00
10 T	Heptane	1.517	1.579	-4.1	84	0.00
11 T	Trichlorofluoromethane	1.662	1.558	6.3	80	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	1.017	4.3	79	0.00
13	Ethanol	0.071	0.060	15.5	67	0.00
14 T	Bromoethene	0.442	0.427	3.4	78	0.00
15 T	Acetone	0.984	0.883	10.3	80	0.00
16 T	1,3-Butadiene	0.685	0.635	7.3	76	0.00
17	tert-Butyl alcohol	0.857	0.888	-3.6	84	0.00
18 T	1,1-Dichloroethene	0.473	0.450	4.9	78	0.00
19 T	Isopropyl Alcohol	0.541	0.517	4.4	78	0.00
20 T	Methylene Chloride	0.461	0.393	14.8	77	0.00
21 T	Allyl Chloride	0.785	0.754	3.9	76	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.425	3.0	77	0.00
23 T	Vinyl Acetate	1.684	1.628	3.3	76	0.00
24 T	1,1-Dichloroethane	1.227	1.219	0.7	81	0.00
25 T	Ethyl Acetate	2.340	2.364	-1.0	84	0.00
26 T	Hexane	1.086	1.116	-2.8	84	0.00
27 T	Carbon Disulfide	1.070	1.080	-0.9	77	0.00
28 T	Methyl tert-Butyl Ether	1.281	1.295	-1.1	80	0.00
29 T	Chloroform	1.737	1.756	-1.1	85	0.00
30 T	Cyclohexane	0.881	0.940	-6.7	84	0.00
31 T	cis-1,2-Dichloroethene	1.050	1.079	-2.8	80	0.00
32 T	1,1,1-Trichloroethane	1.750	1.761	-0.6	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
34 T	2-Butanone	0.488	0.462	5.3	80	0.00
35 T	Carbon Tetrachloride	0.768	0.736	4.2	87	0.00
36 T	Benzene	0.922	0.908	1.5	84	0.00
37 T	1,2-Dichloroethane	0.543	0.522	3.9	83	0.00
38 T	Trichloroethene	0.359	0.337	6.1	87	0.00
39 T	1,2-Dichloropropane	0.374	0.350	6.4	81	0.00
40 T	1,4-Dioxane	0.087	0.075	13.8	77	0.00
41 T	Tetrahydrofuran	0.225	0.210	6.7	74	0.00
42 T	Bromodichloromethane	0.738	0.742	-0.5	84	0.00
43	Methyl Methacrylate	0.310	0.320	-3.2	80	0.00
44 T	2,2,4-Trimethylpentane	1.623	1.540	5.1	86	0.00
45 T	t-1,3-Dichloropropene	0.354	0.377	-6.5	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.476	-5.3	81	0.00
47 T	1,1,2-Trichloroethane	0.379	0.373	1.6	86	0.00
48 T	Dibromochloromethane	0.578	0.611	-5.7	85	0.00
49 T	Bromoform	0.465	0.500	-7.5	84	0.00
50 T	4-Methyl-2-Pentanone	0.706	0.719	-1.8	82	0.00
51 T	2-Hexanone	0.356	0.376	-5.6	77	0.01
52 T	Tetrachloroethene	0.340	0.312	8.2	84	0.00
53 T	Toluene	0.982	1.023	-4.2	84	0.00
54 T	1,2-Dibromoethane	0.535	0.538	-0.6	86	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
56	1,1,1,2-Tetrachloroethane	0.452	0.439	2.9	86	0.00
57 T	Chlorobenzene	0.851	0.811	4.7	88	0.00
58 T	Ethyl Benzene	1.455	1.472	-1.2	86	0.00
59 T	m/p-Xylene	1.269	1.238	2.4	87	0.00
60 T	o-Xylene	1.227	1.183	3.6	88	0.00
61 T	Styrene	0.617	0.693	-12.3	85	0.00
62	Isopropylbenzene	1.652	1.595	3.5	87	0.00
63 T	1,1,2,2-Tetrachloroethane	0.936	0.851	9.1	90	0.00
64	n-propylbenzene	0.404	0.419	-3.7	89	0.00
65	tert-Butylbenzene	1.433	1.392	2.9	88	0.00
66 T	Benzyl Chloride	0.158	0.147	7.0	72	0.00
67	sec-Butylbenzene	2.022	1.974	2.4	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.797	0.826	-3.6	83	0.00
69	p-Isopropyltoluene	1.579	1.636	-3.6	91	0.00
70	n-Butylbenzene	1.638	1.675	-2.3	90	0.00
71	2-Chlorotoluene	1.238	1.242	-0.3	88	0.00
72 T	4-Ethyltoluene	1.344	1.393	-3.6	89	0.00
73 T	1,3,5-Trimethylbenzene	1.255	1.270	-1.2	89	0.00
74 T	1,2,4-Trimethylbenzene	1.343	1.313	2.2	90	0.00
75 T	1,3-Dichlorobenzene	0.756	0.758	-0.3	91	0.00
76 T	1,4-Dichlorobenzene	0.750	0.732	2.4	90	0.00
77 T	1,2-Dichlorobenzene	0.710	0.719	-1.3	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.636	0.541	14.9	88	0.00
79 T	Naphthalene	0.784	0.855	-9.1	79	0.02
80 T	Naphthalene,2-methyl-	0.155	0.163	-5.2	57	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.498	-2.9	83	0.00

(#) = Out of Range

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