

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL040221\
 Data File : VL036641.D
 Acq On : 2 Apr 2021 11:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Apr 03 03:45:44 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	87	-0.01
2 T	Dichlorodifluoromethane	1.631	1.293	20.7	74	0.00
3	Chlorodifluoromethane	1.868	1.621	13.2	84	0.00
4	Chloromethane	0.660	0.566	14.2	80	0.00
5 T	Vinyl Chloride	0.679	0.573	15.6	79	0.00
6 T	Bromomethane	0.374	0.323	13.6	80	0.00
7	Chloroethane	0.233	0.202	13.3	84	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.347	13.5	81	0.00
9 T	Propene	0.596	0.569	4.5	86	0.00
10 T	Heptane	1.517	1.428	5.9	84	-0.02
11 T	Trichlorofluoromethane	1.662	1.392	16.2	79	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	0.959	9.8	83	0.00
13	Ethanol	0.071	0.067	5.6	84	0.00
14 T	Bromoethene	0.442	0.408	7.7	83	0.00
15 T	Acetone	0.984	0.795	19.2	80	0.00
16 T	1,3-Butadiene	0.685	0.585	14.6	78	0.00
17	tert-Butyl alcohol	0.857	0.934	-9.0	98	0.00
18 T	1,1-Dichloroethene	0.473	0.426	9.9	82	0.00
19 T	Isopropyl Alcohol	0.541	0.538	0.6	91	0.00
20 T	Methylene Chloride	0.461	0.365	20.8	80	0.00
21 T	Allyl Chloride	0.785	0.738	6.0	83	-0.01
22 T	trans-1,2-Dichloroethene	0.438	0.427	2.5	86	-0.02
23 T	Vinyl Acetate	1.684	1.606	4.6	84	-0.01
24 T	1,1-Dichloroethane	1.227	1.070	12.8	79	-0.01
25 T	Ethyl Acetate	2.340	2.164	7.5	85	-0.02
26 T	Hexane	1.086	1.014	6.6	85	0.00
27 T	Carbon Disulfide	1.070	1.094	-2.2	87	-0.02
28 T	Methyl tert-Butyl Ether	1.281	1.297	-1.2	89	-0.01
29 T	Chloroform	1.737	1.525	12.2	82	-0.01
30 T	Cyclohexane	0.881	0.837	5.0	83	-0.02
31 T	cis-1,2-Dichloroethene	1.050	1.006	4.2	83	-0.02
32 T	1,1,1-Trichloroethane	1.750	1.576	9.9	84	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	-0.02
34 T	2-Butanone	0.488	0.405	17.0	82	-0.02
35 T	Carbon Tetrachloride	0.768	0.612	20.3	84	-0.01
36 T	Benzene	0.922	0.764	17.1	83	-0.02
37 T	1,2-Dichloroethane	0.543	0.446	17.9	82	-0.01
38 T	Trichloroethene	0.359	0.290	19.2	88	-0.02
39 T	1,2-Dichloropropane	0.374	0.306	18.2	82	-0.02
40 T	1,4-Dioxane	0.087	0.074	14.9	89	-0.02
41 T	Tetrahydrofuran	0.225	0.193	14.2	79	-0.01
42 T	Bromodichloromethane	0.738	0.626	15.2	83	-0.02
43	Methyl Methacrylate	0.310	0.286	7.7	84	-0.02
44 T	2,2,4-Trimethylpentane	1.623	1.306	19.5	85	-0.02
45 T	t-1,3-Dichloropropene	0.354	0.371	-4.8	91	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.441	2.4	87	-0.02
47 T	1,1,2-Trichloroethane	0.379	0.307	19.0	83	-0.02
48 T	Dibromochloromethane	0.578	0.548	5.2	89	-0.02
49 T	Bromoform	0.465	0.466	-0.2	92	-0.02
50 T	4-Methyl-2-Pentanone	0.706	0.624	11.6	83	-0.02
51 T	2-Hexanone	0.356	0.340	4.5	81	-0.01
52 T	Tetrachloroethene	0.340	0.300	11.8	94	-0.02
53 T	Toluene	0.982	0.887	9.7	85	-0.02
54 T	1,2-Dibromoethane	0.535	0.455	15.0	85	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.02
56	1,1,1,2-Tetrachloroethane	0.452	0.392	13.3	88	-0.02
57 T	Chlorobenzene	0.851	0.703	17.4	88	-0.02
58 T	Ethyl Benzene	1.455	1.267	12.9	85	-0.02
59 T	m/p-Xylene	1.269	1.064	16.2	86	-0.02
60 T	o-Xylene	1.227	0.995	18.9	85	-0.02
61 T	Styrene	0.617	0.607	1.6	86	-0.02
62	Isopropylbenzene	1.652	1.377	16.6	86	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.936	0.677	27.7	82	-0.02
64	n-propylbenzene	0.404	0.363	10.1	89	-0.02
65	tert-Butylbenzene	1.433	1.227	14.4	90	-0.02
66 T	Benzyl Chloride	0.158	0.204	-29.1	115	-0.02
67	sec-Butylbenzene	2.022	1.652	18.3	86	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.797	0.796	0.1	92	-0.02
69	p-Isopropyltoluene	1.579	1.426	9.7	91	-0.02
70	n-Butylbenzene	1.638	1.370	16.4	85	-0.01
71	2-Chlorotoluene	1.238	1.036	16.3	84	-0.02
72 T	4-Ethyltoluene	1.344	1.190	11.5	87	-0.02
73 T	1,3,5-Trimethylbenzene	1.255	1.080	13.9	87	-0.02
74 T	1,2,4-Trimethylbenzene	1.343	1.110	17.3	88	-0.02
75 T	1,3-Dichlorobenzene	0.756	0.661	12.6	91	-0.02
76 T	1,4-Dichlorobenzene	0.750	0.647	13.7	91	-0.02
77 T	1,2-Dichlorobenzene	0.710	0.628	11.5	92	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.511	19.7	95	-0.02
79 T	Naphthalene	0.784	0.816	-4.1	86	-0.02
80 T	Naphthalene,2-methyl-	0.155	0.144	7.1	57	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.485	-0.2	92	-0.02

(#) = Out of Range

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