

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031020\
 Data File : VL034883.D
 Acq On : 11 Mar 2020 9:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 11 12:54:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 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	97	0.00
2 T	Dichlorodifluoromethane	1.369	1.673	-22.2	154#	0.00
3	Chlorodifluoromethane	1.117	1.069	4.3	102	0.00
4	Chloromethane	0.631	0.625	1.0	104	0.00
5 T	Vinyl Chloride	0.607	0.602	0.8	103	0.00
6 T	Bromomethane	0.353	0.361	-2.3	107	0.00
7	Chloroethane	0.219	0.228	-4.1	109	0.00
8 T	Dichlorotetrafluoroethane	1.422	1.367	3.9	104	0.00
9 T	Propene	0.533	0.485	9.0	97	0.00
10 T	Heptane	1.313	1.302	0.8	101	0.00
11 T	Trichlorofluoromethane	1.457	1.386	4.9	104	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.020	0.978	4.1	104	0.00
13	Ethanol	0.162	0.121	25.3	95	0.00
14 T	Bromoethene	0.440	0.424	3.6	100	0.00
15 T	Acetone	1.296	1.262	2.6	118	0.00
16 T	1,3-Butadiene	0.586	0.577	1.5	104	0.00
17	tert-Butyl alcohol	1.249	0.895	28.3	80	0.00
18 T	1,1-Dichloroethene	0.452	0.442	2.2	103	0.00
19 T	Isopropyl Alcohol	0.818	0.610	25.4	83	0.00
20 T	Methylene Chloride	0.410	0.388	5.4	104	0.00
21 T	Allyl Chloride	0.832	0.778	6.5	98	0.00
22 T	trans-1,2-Dichloroethene	0.458	0.450	1.7	104	0.00
23 T	Vinyl Acetate	1.915	1.860	2.9	101	0.00
24 T	1,1-Dichloroethane	1.283	1.220	4.9	100	0.00
25 T	Ethyl Acetate	2.309	2.171	6.0	101	0.00
26 T	Hexane	0.994	0.968	2.6	102	0.00
27 T	Carbon Disulfide	1.128	1.071	5.1	93	0.00
28 T	Methyl tert-Butyl Ether	1.654	1.500	9.3	94	0.00
29 T	Chloroform	1.517	1.467	3.3	104	0.00
30 T	Cyclohexane	0.830	0.800	3.6	98	0.00
31 T	cis-1,2-Dichloroethene	1.017	0.989	2.8	101	0.00
32 T	1,1,1-Trichloroethane	1.478	1.436	2.8	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
34 T	2-Butanone	0.665	0.668	-0.5	102	0.00
35 T	Carbon Tetrachloride	0.622	0.664	-6.8	97	0.00
36 T	Benzene	0.891	0.881	1.1	98	0.00
37 T	1,2-Dichloroethane	0.503	0.524	-4.2	102	0.00
38 T	Trichloroethene	0.339	0.336	0.9	98	0.00
39 T	1,2-Dichloropropane	0.353	0.339	4.0	96	0.00
40 T	1,4-Dioxane	0.133	0.113	15.0	90	0.00
41 T	Tetrahydrofuran	0.360	0.368	-2.2	97	0.00
42 T	Bromodichloromethane	0.685	0.702	-2.5	97	0.00
43	Methyl Methacrylate	0.376	0.404	-7.4	102	0.00
44 T	2,2,4-Trimethylpentane	1.506	1.526	-1.3	100	0.00
45 T	t-1,3-Dichloropropene	0.441	0.463	-5.0	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.547	-4.4	96	0.00
47 T	1,1,2-Trichloroethane	0.362	0.362	0.0	98	0.00
48 T	Dibromochloromethane	0.587	0.574	2.2	90	0.00
49 T	Bromoform	0.523	0.494	5.5	84	0.00
50 T	4-Methyl-2-Pentanone	0.957	0.992	-3.7	101	0.00
51 T	2-Hexanone	0.777	0.803	-3.3	98	0.00
52 T	Tetrachloroethene	0.353	0.308	12.7	91	0.00
53 T	Toluene	1.029	1.025	0.4	97	0.00
54 T	1,2-Dibromoethane	0.546	0.541	0.9	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.426	5.1	91	0.00
57 T	Chlorobenzene	0.782	0.731	6.5	95	0.00
58 T	Ethyl Benzene	1.354	1.325	2.1	96	0.00
59 T	m/p-Xylene	1.135	1.119	1.4	99	-0.03
60 T	o-Xylene	1.108	1.073	3.2	97	0.00
61 T	Styrene	0.777	0.779	-0.3	93	0.00
62	Isopropylbenzene	1.675	1.559	6.9	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.735	2.3	96	0.00
64	n-propylbenzene	0.436	0.411	5.7	92	0.00
65	tert-Butylbenzene	1.464	1.351	7.7	92	0.00
66 T	Benzyl Chloride	0.611	0.596	2.5	84	0.00
67	sec-Butylbenzene	2.030	1.938	4.5	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.780	0.815	-4.5	95	0.00
69	p-Isopropyltoluene	1.702	1.613	5.2	91	0.00
70	n-Butylbenzene	1.737	1.713	1.4	95	0.00
71	2-Chlorotoluene	1.268	1.195	5.8	93	0.00
72 T	4-Ethyltoluene	1.308	1.271	2.8	94	0.00
73 T	1,3,5-Trimethylbenzene	1.225	1.194	2.5	94	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.243	1.5	96	0.00
75 T	1,3-Dichlorobenzene	0.761	0.707	7.1	93	0.00
76 T	1,4-Dichlorobenzene	0.759	0.718	5.4	93	0.00
77 T	1,2-Dichlorobenzene	0.737	0.695	5.7	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.618	-0.3	98	0.00
79 T	Naphthalene	0.984	1.235	-25.5	94	0.00
80 T	Naphthalene,2-methyl-	0.257	0.478	-86.0#	82	0.00
81 T	1,2,4-Trichlorobenzene	0.625	0.708	-13.3	93	0.00

(#) = Out of Range

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