

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL013020\
 Data File : VL034568.D
 Acq On : 30 Jan 2020 12:05
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDICCC010

Quant Time: Jan 30 14:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 11:35:42 2020
 QLast Update : Thu Jan 30 11:35:42 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	100	0.00
2 T	Dichlorodifluoromethane	2.203	1.892	14.1	100	0.00
3	Chlorodifluoromethane	1.208	1.076	10.9	100	0.00
4	Chloromethane	0.739	0.655	11.4	100	0.00
5 T	Vinyl Chloride	0.706	0.620	12.2	100	0.00
6 T	Bromomethane	0.367	0.336	8.4	100	0.00
7	Chloroethane	0.263	0.236	10.3	100	0.00
8 T	Dichlorotetrafluoroethane	1.722	1.479	14.1	100	0.00
9 T	Propene	0.470	0.424	9.8	100	0.00
10 T	Heptane	1.184	1.171	1.1	100	0.00
11 T	Trichlorofluoromethane	2.001	1.758	12.1	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.166	10.7	100	0.00
13	Ethanol	0.126	0.099	21.4	100	0.00
14 T	Bromoethene	0.512	0.478	6.6	100	0.00
15 T	Acetone	1.470	1.226	16.6	100	0.00
16 T	1,3-Butadiene	0.584	0.560	4.1	100	0.00
17	tert-Butyl alcohol	1.081	1.033	4.4	100	0.00
18 T	1,1-Dichloroethene	0.551	0.511	7.3	100	0.00
19 T	Isopropyl Alcohol	0.858	0.787	8.3	100	0.00
20 T	Methylene Chloride	0.560	0.456	18.6	100	0.00
21 T	Allyl Chloride	0.913	0.858	6.0	100	0.00
22 T	trans-1,2-Dichloroethene	0.577	0.534	7.5	100	0.00
23 T	Vinyl Acetate	1.677	1.611	3.9	100	0.00
24 T	1,1-Dichloroethane	1.400	1.267	9.5	100	0.00
25 T	Ethyl Acetate	2.379	2.168	8.9	100	0.00
26 T	Hexane	0.997	0.919	7.8	100	0.00
27 T	Carbon Disulfide	1.345	1.353	-0.6	100	0.00
28 T	Methyl tert-Butyl Ether	1.700	1.604	5.6	100	0.00
29 T	Chloroform	1.762	1.582	10.2	100	0.00
30 T	Cyclohexane	0.739	0.727	1.6	100	0.00
31 T	cis-1,2-Dichloroethene	1.035	0.998	3.6	100	0.00
32 T	1,1,1-Trichloroethane	1.892	1.641	13.3	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
34 T	2-Butanone	0.726	0.670	7.7	100	0.00
35 T	Carbon Tetrachloride	0.956	0.882	7.7	100	0.00
36 T	Benzene	0.889	0.858	3.5	100	0.00
37 T	1,2-Dichloroethane	0.742	0.679	8.5	100	0.00
38 T	Trichloroethene	0.375	0.373	0.5	100	0.00
39 T	1,2-Dichloropropane	0.369	0.347	6.0	100	0.00
40 T	1,4-Dioxane	0.142	0.134	5.6	100	0.00
41 T	Tetrahydrofuran	0.379	0.368	2.9	100	0.00
42 T	Bromodichloromethane	0.913	0.865	5.3	100	0.00
43	Methyl Methacrylate	0.358	0.361	-0.8	100	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.526	5.4	100	0.00
45 T	t-1,3-Dichloropropene	0.468	0.524	-12.0	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.577	-8.5	100	0.00
47 T	1,1,2-Trichloroethane	0.399	0.376	5.8	100	0.00
48 T	Dibromochloromethane	0.732	0.739	-1.0	100	0.00
49 T	Bromoform	0.642	0.665	-3.6	100	0.00
50 T	4-Methyl-2-Pentanone	1.035	1.010	2.4	100	0.00
51 T	2-Hexanone	0.815	0.841	-3.2	100	0.00
52 T	Tetrachloroethene	0.357	0.333	6.7	100	0.00
53 T	Toluene	0.977	1.002	-2.6	100	0.00
54 T	1,2-Dibromoethane	0.598	0.574	4.0	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.494	0.452	8.5	100	0.00
57 T	Chlorobenzene	0.823	0.737	10.4	100	0.00
58 T	Ethyl Benzene	1.338	1.286	3.9	100	0.00
59 T	m/p-Xylene	1.183	1.098	7.2	100	0.00
60 T	o-Xylene	1.188	1.104	7.1	100	0.00
61 T	Styrene	0.792	0.811	-2.4	100	0.00
62	Isopropylbenzene	1.539	1.420	7.7	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.919	0.777	15.5	100	0.00
64	n-propylbenzene	0.396	0.377	4.8	100	0.00
65	tert-Butylbenzene	1.395	1.282	8.1	100	0.00
66 T	Benzyl Chloride	0.585	0.638	-9.1	100	0.00
67	sec-Butylbenzene	1.917	1.730	9.8	100	0.00
68 S	1-Bromo-4-Fluorobenzene	0.845	0.825	2.4	100	0.00
69	p-Isopropyltoluene	1.556	1.458	6.3	100	0.00
70	n-Butylbenzene	1.652	1.510	8.6	100	0.00
71	2-Chlorotoluene	1.169	1.115	4.6	100	0.00
72 T	4-Ethyltoluene	1.305	1.234	5.4	100	0.00
73 T	1,3,5-Trimethylbenzene	1.275	1.195	6.3	100	0.00
74 T	1,2,4-Trimethylbenzene	1.412	1.246	11.8	100	0.00
75 T	1,3-Dichlorobenzene	0.813	0.701	13.8	100	0.00
76 T	1,4-Dichlorobenzene	0.801	0.703	12.2	100	0.00
77 T	1,2-Dichlorobenzene	0.781	0.670	14.2	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.747	0.616	17.5	100	0.00
79 T	Naphthalene	1.111	1.055	5.0	100	0.00
80 T	Naphthalene,2-methyl-	0.428	0.497	-16.1	100	0.00
81 T	1,2,4-Trichlorobenzene	0.685	0.634	7.4	100	0.00

(#) = Out of Range

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