

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\
 Data File : VL034839.D
 Acq On : 7 Mar 2020 10:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 07 14:05:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
 QLast Update : Wed Mar 04 06:36:39 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	75	-0.03
2 T	Dichlorodifluoromethane	1.632	1.579	3.2	97	-0.02
3	Chlorodifluoromethane	1.139	1.023	10.2	75	-0.02
4	Chloromethane	0.614	0.601	2.1	80	-0.01
5 T	Vinyl Chloride	0.648	0.581	10.3	79	-0.02
6 T	Bromomethane	0.354	0.342	3.4	79	-0.02
7	Chloroethane	0.224	0.211	5.8	77	-0.02
8 T	Dichlorotetrafluoroethane	1.418	1.289	9.1	77	-0.02
9 T	Propene	0.448	0.491	-9.6	85	-0.01
10 T	Heptane	1.140	1.253	-9.9	80	-0.03
11 T	Trichlorofluoromethane	1.460	1.314	10.0	78	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.008	0.939	6.8	81	-0.02
13	Ethanol	0.154	0.113	26.6	67	-0.02
14 T	Bromoethene	0.413	0.422	-2.2	80	-0.02
15 T	Acetone	1.197	1.176	1.8	88	-0.02
16 T	1,3-Butadiene	0.542	0.548	-1.1	78	-0.02
17	tert-Butyl alcohol	0.944	0.969	-2.6	74	-0.02
18 T	1,1-Dichloroethene	0.444	0.436	1.8	81	-0.02
19 T	Isopropyl Alcohol	0.717	0.631	12.0	62	-0.02
20 T	Methylene Chloride	0.427	0.370	13.3	78	-0.02
21 T	Allyl Chloride	0.758	0.806	-6.3	85	-0.02
22 T	trans-1,2-Dichloroethene	0.434	0.441	-1.6	85	-0.02
23 T	Vinyl Acetate	1.606	1.859	-15.8	86	-0.03
24 T	1,1-Dichloroethane	1.246	1.175	5.7	77	-0.02
25 T	Ethyl Acetate	2.069	2.106	-1.8	80	-0.03
26 T	Hexane	0.904	0.934	-3.3	79	-0.03
27 T	Carbon Disulfide	1.056	1.152	-9.1	84	-0.02
28 T	Methyl tert-Butyl Ether	1.346	1.588	-18.0	91	-0.02
29 T	Chloroform	1.522	1.364	10.4	74	-0.03
30 T	Cyclohexane	0.692	0.794	-14.7	82	-0.03
31 T	cis-1,2-Dichloroethene	0.927	0.963	-3.9	78	-0.03
32 T	1,1,1-Trichloroethane	1.504	1.409	6.3	79	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.03
34 T	2-Butanone	0.651	0.609	6.5	81	-0.02
35 T	Carbon Tetrachloride	0.755	0.617	18.3	79	-0.03
36 T	Benzene	0.855	0.821	4.0	82	-0.03
37 T	1,2-Dichloroethane	0.584	0.460	21.2	71	-0.03
38 T	Trichloroethene	0.333	0.315	5.4	84	-0.03
39 T	1,2-Dichloropropane	0.345	0.322	6.7	81	-0.03
40 T	1,4-Dioxane	0.119	0.102	14.3	69	-0.03
41 T	Tetrahydrofuran	0.332	0.345	-3.9	84	-0.03
42 T	Bromodichloromethane	0.739	0.645	12.7	74	-0.03
43	Methyl Methacrylate	0.362	0.362	0.0	79	-0.03
44 T	2,2,4-Trimethylpentane	1.493	1.379	7.6	79	-0.03
45 T	t-1,3-Dichloropropene	0.380	0.454	-19.5	85	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.464	0.519	-11.9	84	-0.03
47 T	1,1,2-Trichloroethane	0.364	0.330	9.3	80	-0.04
48 T	Dibromochloromethane	0.569	0.566	0.5	81	-0.04
49 T	Bromoform	0.497	0.501	-0.8	80	-0.03
50 T	4-Methyl-2-Pentanone	0.932	0.888	4.7	79	-0.03
51 T	2-Hexanone	0.731	0.728	0.4	78	-0.03
52 T	Tetrachloroethene	0.316	0.300	5.1	85	-0.03
53 T	Toluene	0.904	0.956	-5.8	84	-0.03
54 T	1,2-Dibromoethane	0.538	0.500	7.1	79	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.03
56	1,1,1,2-Tetrachloroethane	0.443	0.397	10.4	80	-0.03
57 T	Chlorobenzene	0.764	0.660	13.6	81	-0.04
58 T	Ethyl Benzene	1.232	1.180	4.2	79	-0.04
59 T	m/p-Xylene	1.067	0.947	11.2	78	-0.04
60 T	o-Xylene	1.079	0.931	13.7	77	-0.04
61 T	Styrene	0.670	0.712	-6.3	82	-0.04
62	Isopropylbenzene	1.589	1.416	10.9	80	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.851	0.624	26.7	72	-0.03
64	n-propylbenzene	0.398	0.371	6.8	79	-0.03
65	tert-Butylbenzene	1.342	1.224	8.8	79	-0.04
66 T	Benzyl Chloride	0.434	0.649	-49.5#	104	-0.04
67	sec-Butylbenzene	1.956	1.727	11.7	78	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.834	0.752	9.8	78	-0.04
69	p-Isopropyltoluene	1.583	1.469	7.2	80	-0.03
70	n-Butylbenzene	1.731	1.495	13.6	75	-0.03
71	2-Chlorotoluene	1.200	1.064	11.3	75	-0.04
72 T	4-Ethyltoluene	1.202	1.132	5.8	79	-0.04
73 T	1,3,5-Trimethylbenzene	1.153	1.058	8.2	78	-0.04
74 T	1,2,4-Trimethylbenzene	1.253	1.087	13.2	77	-0.03
75 T	1,3-Dichlorobenzene	0.742	0.639	13.9	79	-0.04
76 T	1,4-Dichlorobenzene	0.710	0.648	8.7	80	-0.04
77 T	1,2-Dichlorobenzene	0.710	0.637	10.3	81	-0.04
78 T	Hexachloro-1,3-Butadiene	0.592	0.580	2.0	95	-0.03
79 T	Naphthalene	0.942	1.138	-20.8	84	-0.04
80 T	Naphthalene,2-methyl-	0.225	0.404	-79.6#	109	-0.03
81 T	1,2,4-Trichlorobenzene	0.595	0.656	-10.3	84	-0.05

(#) = Out of Range

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