

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034817.D
 Acq On : 6 Mar 2020 7:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 06 09:22:14 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	40	-0.02
2 T	Dichlorodifluoromethane	1.632	1.528	6.4	51	-0.01
3	Chlorodifluoromethane	1.139	1.034	9.2	41	-0.01
4	Chloromethane	0.614	0.617	-0.5	45	-0.01
5 T	Vinyl Chloride	0.648	0.587	9.4	43	-0.01
6 T	Bromomethane	0.354	0.333	5.9	42	-0.02
7	Chloroethane	0.224	0.214	4.5	42	-0.01
8 T	Dichlorotetrafluoroethane	1.418	1.268	10.6	41	-0.02
9 T	Propene	0.448	0.536	-19.6	50	0.00
10 T	Heptane	1.140	1.351	-18.5	47	-0.03
11 T	Trichlorofluoromethane	1.460	1.316	9.9	42	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.008	0.957	5.1	45	-0.02
13	Ethanol	0.154	0.118	23.4	38	-0.01
14 T	Bromoethene	0.413	0.426	-3.1	44	-0.02
15 T	Acetone	1.197	1.160	3.1	47	-0.02
16 T	1,3-Butadiene	0.542	0.562	-3.7	44	-0.02
17	tert-Butyl alcohol	0.944	1.022	-8.3	42	-0.02
18 T	1,1-Dichloroethene	0.444	0.438	1.4	44	-0.02
19 T	Isopropyl Alcohol	0.717	0.674	6.0	36	-0.01
20 T	Methylene Chloride	0.427	0.380	11.0	44	-0.02
21 T	Allyl Chloride	0.758	0.817	-7.8	47	-0.02
22 T	trans-1,2-Dichloroethene	0.434	0.443	-2.1	47	-0.02
23 T	Vinyl Acetate	1.606	1.943	-21.0	49	-0.02
24 T	1,1-Dichloroethane	1.246	1.190	4.5	42	-0.02
25 T	Ethyl Acetate	2.069	2.188	-5.8	45	-0.02
26 T	Hexane	0.904	0.957	-5.9	44	-0.02
27 T	Carbon Disulfide	1.056	1.207	-14.3	48	-0.02
28 T	Methyl tert-Butyl Ether	1.346	1.594	-18.4	49	-0.02
29 T	Chloroform	1.522	1.354	11.0	40	-0.02
30 T	Cyclohexane	0.692	0.805	-16.3	45	-0.02
31 T	cis-1,2-Dichloroethene	0.927	0.971	-4.7	43	-0.02
32 T	1,1,1-Trichloroethane	1.504	1.362	9.4	41	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	46	-0.02
34 T	2-Butanone	0.651	0.623	4.3	46	-0.02
35 T	Carbon Tetrachloride	0.755	0.596	21.1	42	-0.02
36 T	Benzene	0.855	0.828	3.2	46	-0.02
37 T	1,2-Dichloroethane	0.584	0.437	25.2	37	-0.02
38 T	Trichloroethene	0.333	0.317	4.8	47	-0.02
39 T	1,2-Dichloropropane	0.345	0.327	5.2	46	-0.02
40 T	1,4-Dioxane	0.119	0.105	11.8	39	-0.02
41 T	Tetrahydrofuran	0.332	0.367	-10.5	50	-0.02
42 T	Bromodichloromethane	0.739	0.631	14.6	40	-0.02
43	Methyl Methacrylate	0.362	0.365	-0.8	44	-0.03
44 T	2,2,4-Trimethylpentane	1.493	1.417	5.1	45	-0.03
45 T	t-1,3-Dichloropropene	0.380	0.455	-19.7	47	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.464	0.531	-14.4	47	-0.03
47 T	1,1,2-Trichloroethane	0.364	0.320	12.1	43	-0.03
48 T	Dibromochloromethane	0.569	0.571	-0.4	45	-0.03
49 T	Bromoform	0.497	0.526	-5.8	47	-0.03
50 T	4-Methyl-2-Pentanone	0.932	0.912	2.1	45	-0.03
51 T	2-Hexanone	0.731	0.758	-3.7	45	-0.03
52 T	Tetrachloroethene	0.316	0.313	0.9	49	-0.03
53 T	Toluene	0.904	0.954	-5.5	46	-0.02
54 T	1,2-Dibromoethane	0.538	0.494	8.2	43	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	48	-0.03
56	1,1,1,2-Tetrachloroethane	0.443	0.379	14.4	45	-0.03
57 T	Chlorobenzene	0.764	0.630	17.5	45	-0.03
58 T	Ethyl Benzene	1.232	1.141	7.4	45	-0.03
59 T	m/p-Xylene	1.067	0.970	9.1	47	-0.03
60 T	o-Xylene	1.079	0.889	17.6	43	-0.03
61 T	Styrene	0.670	0.677	-1.0	46	-0.03
62	Isopropylbenzene	1.589	1.355	14.7	45	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.851	0.609	28.4	41	-0.03
64	n-propylbenzene	0.398	0.353	11.3	44	-0.03
65	tert-Butylbenzene	1.342	1.165	13.2	44	-0.03
66 T	Benzyl Chloride	0.434	0.634	-46.1#	60	-0.03
67	sec-Butylbenzene	1.956	1.647	15.8	43	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.834	0.704	15.6	42	-0.03
69	p-Isopropyltoluene	1.583	1.418	10.4	45	-0.03
70	n-Butylbenzene	1.731	1.420	18.0	41	-0.03
71	2-Chlorotoluene	1.200	0.997	16.9	41	-0.03
72 T	4-Ethyltoluene	1.202	1.066	11.3	43	-0.03
73 T	1,3,5-Trimethylbenzene	1.153	1.001	13.2	43	-0.03
74 T	1,2,4-Trimethylbenzene	1.253	1.021	18.5	42	-0.03
75 T	1,3-Dichlorobenzene	0.742	0.616	17.0	45	-0.03
76 T	1,4-Dichlorobenzene	0.710	0.624	12.1	45	-0.03
77 T	1,2-Dichlorobenzene	0.710	0.620	12.7	46	-0.03
78 T	Hexachloro-1,3-Butadiene	0.592	0.568	4.1	55	-0.03
79 T	Naphthalene	0.942	1.104	-17.2	47	-0.04
80 T	Naphthalene,2-methyl-	0.225	0.402	-78.7#	63	-0.03
81 T	1,2,4-Trichlorobenzene	0.595	0.648	-8.9	48	-0.04

(#) = Out of Range

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