

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034790.D
 Acq On : 5 Mar 2020 9:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 06 04:54:16 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	93	-0.03
2 T	Dichlorodifluoromethane	1.632	1.608	1.5	123	-0.02
3	Chlorodifluoromethane	1.139	1.007	11.6	92	-0.02
4	Chloromethane	0.614	0.561	8.6	93	-0.01
5 T	Vinyl Chloride	0.648	0.554	14.5	94	-0.02
6 T	Bromomethane	0.354	0.332	6.2	95	-0.02
7	Chloroethane	0.224	0.203	9.4	92	-0.02
8 T	Dichlorotetrafluoroethane	1.418	1.300	8.3	97	-0.02
9 T	Propene	0.448	0.401	10.5	86	-0.01
10 T	Heptane	1.140	1.136	0.4	90	-0.03
11 T	Trichlorofluoromethane	1.460	1.374	5.9	101	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.008	0.949	5.9	102	-0.02
13	Ethanol	0.154	0.128	16.9	94	-0.02
14 T	Bromoethene	0.413	0.406	1.7	96	-0.02
15 T	Acetone	1.197	1.051	12.2	98	-0.02
16 T	1,3-Butadiene	0.542	0.513	5.4	91	-0.02
17	tert-Butyl alcohol	0.944	0.978	-3.6	92	-0.02
18 T	1,1-Dichloroethene	0.444	0.430	3.2	100	-0.02
19 T	Isopropyl Alcohol	0.717	0.750	-4.6	92	-0.02
20 T	Methylene Chloride	0.427	0.384	10.1	101	-0.02
21 T	Allyl Chloride	0.758	0.744	1.8	98	-0.02
22 T	trans-1,2-Dichloroethene	0.434	0.427	1.6	103	-0.02
23 T	Vinyl Acetate	1.606	1.574	2.0	90	-0.03
24 T	1,1-Dichloroethane	1.246	1.148	7.9	94	-0.03
25 T	Ethyl Acetate	2.069	1.932	6.6	92	-0.03
26 T	Hexane	0.904	0.876	3.1	92	-0.03
27 T	Carbon Disulfide	1.056	1.125	-6.5	102	-0.02
28 T	Methyl tert-Butyl Ether	1.346	1.259	6.5	89	-0.02
29 T	Chloroform	1.522	1.421	6.6	96	-0.03
30 T	Cyclohexane	0.692	0.716	-3.5	92	-0.03
31 T	cis-1,2-Dichloroethene	0.927	0.906	2.3	91	-0.03
32 T	1,1,1-Trichloroethane	1.504	1.366	9.2	95	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.03
34 T	2-Butanone	0.651	0.611	6.1	90	-0.02
35 T	Carbon Tetrachloride	0.755	0.691	8.5	97	-0.03
36 T	Benzene	0.855	0.822	3.9	91	-0.03
37 T	1,2-Dichloroethane	0.584	0.562	3.8	96	-0.03
38 T	Trichloroethene	0.333	0.317	4.8	94	-0.03
39 T	1,2-Dichloropropane	0.345	0.328	4.9	91	-0.03
40 T	1,4-Dioxane	0.119	0.123	-3.4	92	-0.03
41 T	Tetrahydrofuran	0.332	0.338	-1.8	91	-0.03
42 T	Bromodichloromethane	0.739	0.740	-0.1	94	-0.03
43	Methyl Methacrylate	0.362	0.388	-7.2	93	-0.03
44 T	2,2,4-Trimethylpentane	1.493	1.450	2.9	92	-0.04
45 T	t-1,3-Dichloropropene	0.380	0.442	-16.3	91	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.464	0.515	-11.0	92	-0.03
47 T	1,1,2-Trichloroethane	0.364	0.345	5.2	92	-0.04
48 T	Dibromochloromethane	0.569	0.606	-6.5	95	-0.04
49 T	Bromoform	0.497	0.544	-9.5	96	-0.04
50 T	4-Methyl-2-Pentanone	0.932	0.932	0.0	92	-0.03
51 T	2-Hexanone	0.731	0.770	-5.3	91	-0.03
52 T	Tetrachloroethene	0.316	0.295	6.6	93	-0.03
53 T	Toluene	0.904	0.947	-4.8	91	-0.03
54 T	1,2-Dibromoethane	0.538	0.536	0.4	93	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.03
56	1,1,1,2-Tetrachloroethane	0.443	0.414	6.5	95	-0.03
57 T	Chlorobenzene	0.764	0.673	11.9	93	-0.04
58 T	Ethyl Benzene	1.232	1.212	1.6	92	-0.04
59 T	m/p-Xylene	1.067	1.015	4.9	95	-0.03
60 T	o-Xylene	1.079	1.016	5.8	95	-0.04
61 T	Styrene	0.670	0.714	-6.6	93	-0.04
62	Isopropylbenzene	1.589	1.464	7.9	94	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.851	0.731	14.1	95	-0.03
64	n-propylbenzene	0.398	0.386	3.0	94	-0.03
65	tert-Butylbenzene	1.342	1.295	3.5	95	-0.04
66 T	Benzyl Chloride	0.434	0.508	-17.1	92	-0.04
67	sec-Butylbenzene	1.956	1.841	5.9	94	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.834	0.800	4.1	93	-0.04
69	p-Isopropyltoluene	1.583	1.533	3.2	94	-0.04
70	n-Butylbenzene	1.731	1.671	3.5	94	-0.03
71	2-Chlorotoluene	1.200	1.159	3.4	93	-0.04
72 T	4-Ethyltoluene	1.202	1.195	0.6	94	-0.04
73 T	1,3,5-Trimethylbenzene	1.153	1.127	2.3	94	-0.04
74 T	1,2,4-Trimethylbenzene	1.253	1.183	5.6	95	-0.03
75 T	1,3-Dichlorobenzene	0.742	0.671	9.6	94	-0.04
76 T	1,4-Dichlorobenzene	0.710	0.672	5.4	94	-0.04
77 T	1,2-Dichlorobenzene	0.710	0.650	8.5	94	-0.04
78 T	Hexachloro-1,3-Butadiene	0.592	0.546	7.8	102	-0.03
79 T	Naphthalene	0.942	1.098	-16.6	91	-0.04
80 T	Naphthalene,2-methyl-	0.225	0.478	-112.4#	145	-0.03
81 T	1,2,4-Trichlorobenzene	0.595	0.626	-5.2	91	-0.04

(#) = Out of Range

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