

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022620\
 Data File : VL034702.D
 Acq On : 27 Feb 2020 00:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 27 08:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
 QLast Update : Wed Feb 26 06:58:15 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	89	0.02
2 T	Dichlorodifluoromethane	1.578	1.320	16.3	96	0.02
3	Chlorodifluoromethane	1.079	1.051	2.6	94	0.02
4	Chloromethane	0.604	0.595	1.5	92	0.02
5 T	Vinyl Chloride	0.593	0.582	1.9	92	0.02
6 T	Bromomethane	0.347	0.346	0.3	93	0.02
7	Chloroethane	0.220	0.215	2.3	90	0.02
8 T	Dichlorotetrafluoroethane	1.395	1.309	6.2	93	0.02
9 T	Propene	0.451	0.448	0.7	91	0.02
10 T	Heptane	1.161	1.194	-2.8	91	0.03
11 T	Trichlorofluoromethane	1.382	1.348	2.5	95	0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.974	0.933	4.2	94	0.02
13	Ethanol	0.143	0.143	0.0	97	0.02
14 T	Bromoethene	0.406	0.409	-0.7	93	0.02
15 T	Acetone	1.140	1.101	3.4	99	0.02
16 T	1,3-Butadiene	0.527	0.530	-0.6	92	0.02
17	tert-Butyl alcohol	0.873	1.067	-22.2	97	0.02
18 T	1,1-Dichloroethene	0.437	0.434	0.7	95	0.02
19 T	Isopropyl Alcohol	0.679	0.789	-16.2	93	0.02
20 T	Methylene Chloride	0.424	0.373	12.0	93	0.02
21 T	Allyl Chloride	0.754	0.768	-1.9	92	0.02
22 T	trans-1,2-Dichloroethene	0.426	0.432	-1.4	93	0.03
23 T	Vinyl Acetate	1.549	1.682	-8.6	93	0.02
24 T	1,1-Dichloroethane	1.237	1.202	2.8	93	0.02
25 T	Ethyl Acetate	2.017	2.033	-0.8	93	0.03
26 T	Hexane	0.930	0.912	1.9	92	0.03
27 T	Carbon Disulfide	1.055	1.112	-5.4	91	0.03
28 T	Methyl tert-Butyl Ether	1.328	1.413	-6.4	95	0.02
29 T	Chloroform	1.481	1.414	4.5	91	0.02
30 T	Cyclohexane	0.721	0.759	-5.3	93	0.03
31 T	cis-1,2-Dichloroethene	0.915	0.947	-3.5	91	0.02
32 T	1,1,1-Trichloroethane	1.383	1.383	0.0	94	0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.03
34 T	2-Butanone	0.629	0.635	-1.0	92	0.02
35 T	Carbon Tetrachloride	0.670	0.671	-0.1	92	0.02
36 T	Benzene	0.864	0.856	0.9	91	0.03
37 T	1,2-Dichloroethane	0.544	0.545	-0.2	93	0.03
38 T	Trichloroethene	0.333	0.319	4.2	90	0.03
39 T	1,2-Dichloropropane	0.344	0.347	-0.9	91	0.03
40 T	1,4-Dioxane	0.117	0.132	-12.8	94	0.03
41 T	Tetrahydrofuran	0.332	0.352	-6.0	90	0.03
42 T	Bromodichloromethane	0.713	0.719	-0.8	91	0.03
43	Methyl Methacrylate	0.363	0.392	-8.0	90	0.03
44 T	2,2,4-Trimethylpentane	1.509	1.487	1.5	90	0.03
45 T	t-1,3-Dichloropropene	0.396	0.467	-17.9	90	0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.475	0.538	-13.3	90	0.03
47 T	1,1,2-Trichloroethane	0.353	0.346	2.0	89	0.02
48 T	Dibromochloromethane	0.548	0.564	-2.9	88	0.03
49 T	Bromoform	0.475	0.485	-2.1	86	0.03
50 T	4-Methyl-2-Pentanone	0.892	0.936	-4.9	91	0.03
51 T	2-Hexanone	0.702	0.762	-8.5	89	0.03
52 T	Tetrachloroethene	0.317	0.293	7.6	91	0.03
53 T	Toluene	0.919	0.969	-5.4	90	0.03
54 T	1,2-Dibromoethane	0.526	0.524	0.4	89	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.03
56	1,1,1,2-Tetrachloroethane	0.426	0.402	5.6	92	0.03
57 T	Chlorobenzene	0.739	0.663	10.3	88	0.03
58 T	Ethyl Benzene	1.210	1.211	-0.1	90	0.03
59 T	m/p-Xylene	1.055	1.010	4.3	89	0.03
60 T	o-Xylene	1.047	0.984	6.0	89	0.03
61 T	Styrene	0.673	0.701	-4.2	87	0.03
62	Isopropylbenzene	1.528	1.423	6.9	88	0.04
63 T	1,1,2,2-Tetrachloroethane	0.816	0.694	15.0	88	0.03
64	n-propylbenzene	0.394	0.371	5.8	87	0.03
65	tert-Butylbenzene	1.319	1.226	7.1	88	0.03
66 T	Benzyl Chloride	0.492	0.558	-13.4	87	0.03
67	sec-Butylbenzene	1.898	1.766	7.0	89	0.03
68 S	1-Bromo-4-Fluorobenzene	0.820	0.803	2.1	89	0.03
69	p-Isopropyltoluene	1.562	1.462	6.4	89	0.03
70	n-Butylbenzene	1.701	1.594	6.3	90	0.03
71	2-Chlorotoluene	1.183	1.111	6.1	87	0.03
72 T	4-Ethyltoluene	1.165	1.142	2.0	88	0.03
73 T	1,3,5-Trimethylbenzene	1.121	1.083	3.4	89	0.03
74 T	1,2,4-Trimethylbenzene	1.238	1.137	8.2	91	0.03
75 T	1,3-Dichlorobenzene	0.715	0.640	10.5	89	0.03
76 T	1,4-Dichlorobenzene	0.715	0.645	9.8	88	0.03
77 T	1,2-Dichlorobenzene	0.691	0.636	8.0	91	0.03
78 T	Hexachloro-1,3-Butadiene	0.602	0.566	6.0	98	0.03
79 T	Naphthalene	1.090	1.143	-4.9	95	0.04
80 T	Naphthalene,2-methyl-	0.336	0.494	-47.0#	151#	0.03
81 T	1,2,4-Trichlorobenzene	0.650	0.647	0.5	95	0.04

(#) = Out of Range

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