

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL111820\
 Data File : VL035970.D
 Acq On : 18 Nov 2020 10:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 19 08:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 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	96	-0.03
2 T	Dichlorodifluoromethane	1.883	1.388	26.3	85	-0.02
3	Chlorodifluoromethane	1.198	1.139	4.9	104	-0.02
4	Chloromethane	0.582	0.566	2.7	103	-0.02
5 T	Vinyl Chloride	0.742	0.725	2.3	107	-0.02
6 T	Bromomethane	0.596	0.595	0.2	107	-0.03
7	Chloroethane	0.261	0.272	-4.2	110	-0.03
8 T	Dichlorotetrafluoroethane	2.155	2.068	4.0	108	-0.02
9 T	Propene	0.438	0.431	1.6	103	-0.02
10 T	Heptane	1.211	1.226	-1.2	107	-0.04
11 T	Trichlorofluoromethane	2.364	2.327	1.6	105	-0.03
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.766	-0.3	106	-0.03
13	Ethanol	0.095	0.081	14.7	107	-0.03
14 T	Bromoethene	0.810	0.781	3.6	106	-0.03
15 T	Acetone	1.069	0.993	7.1	110	-0.03
16 T	1,3-Butadiene	0.460	0.442	3.9	104	-0.03
17	tert-Butyl alcohol	1.417	1.373	3.1	106	-0.03
18 T	1,1-Dichloroethene	0.808	0.820	-1.5	108	-0.03
19 T	Isopropyl Alcohol	0.657	0.638	2.9	107	-0.03
20 T	Methylene Chloride	0.753	0.674	10.5	109	-0.03
21 T	Allyl Chloride	0.578	0.601	-4.0	106	-0.03
22 T	trans-1,2-Dichloroethene	0.819	0.821	-0.2	104	-0.03
23 T	Vinyl Acetate	1.499	1.435	4.3	105	-0.03
24 T	1,1-Dichloroethane	1.428	1.419	0.6	108	-0.03
25 T	Ethyl Acetate	2.106	2.108	-0.1	108	-0.03
26 T	Hexane	1.162	1.128	2.9	107	-0.03
27 T	Carbon Disulfide	1.740	1.794	-3.1	105	-0.03
28 T	Methyl tert-Butyl Ether	2.086	1.949	6.6	105	-0.03
29 T	Chloroform	2.283	2.207	3.3	105	-0.03
30 T	Cyclohexane	1.265	1.195	5.5	106	-0.04
31 T	cis-1,2-Dichloroethene	1.195	1.168	2.3	104	-0.04
32 T	1,1,1-Trichloroethane	2.382	2.132	10.5	103	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	-0.03
34 T	2-Butanone	0.325	0.348	-7.1	108	-0.03
35 T	Carbon Tetrachloride	0.534	0.546	-2.2	102	-0.04
36 T	Benzene	0.743	0.725	2.4	105	-0.04
37 T	1,2-Dichloroethane	0.337	0.355	-5.3	105	-0.03
38 T	Trichloroethene	0.363	0.333	8.3	103	-0.04
39 T	1,2-Dichloropropane	0.250	0.251	-0.4	106	-0.04
40 T	1,4-Dioxane	0.119	0.119	0.0	107	-0.04
41 T	Tetrahydrofuran	0.184	0.202	-9.8	106	-0.03
42 T	Bromodichloromethane	0.568	0.590	-3.9	103	-0.04
43	Methyl Methacrylate	0.284	0.299	-5.3	106	-0.04
44 T	2,2,4-Trimethylpentane	0.984	0.992	-0.8	108	-0.04
45 T	t-1,3-Dichloropropene	0.301	0.317	-5.3	101	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.394	-3.4	103	-0.04
47 T	1,1,2-Trichloroethane	0.341	0.338	0.9	105	-0.04
48 T	Dibromochloromethane	0.521	0.539	-3.5	102	-0.04
49 T	Bromoform	0.440	0.443	-0.7	97	-0.04
50 T	4-Methyl-2-Pentanone	0.496	0.531	-7.1	107	-0.04
51 T	2-Hexanone	0.399	0.429	-7.5	105	-0.04
52 T	Tetrachloroethene	0.352	0.303	13.9	100	-0.04
53 T	Toluene	0.897	0.875	2.5	105	-0.04
54 T	1,2-Dibromoethane	0.519	0.512	1.3	104	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	-0.04
56	1,1,1,2-Tetrachloroethane	0.449	0.418	6.9	103	-0.04
57 T	Chlorobenzene	0.795	0.699	12.1	104	-0.04
58 T	Ethyl Benzene	1.218	1.117	8.3	105	-0.05
59 T	m/p-Xylene	1.030	0.947	8.1	106	-0.04
60 T	o-Xylene	1.002	0.924	7.8	106	-0.04
61 T	Styrene	0.734	0.699	4.8	104	-0.05
62	Isopropylbenzene	1.576	1.377	12.6	105	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.777	0.660	15.1	107	-0.04
64	n-propylbenzene	0.455	0.406	10.8	104	-0.05
65	tert-Butylbenzene	1.434	1.219	15.0	105	-0.04
66 T	Benzyl Chloride	0.474	0.429	9.5	102	-0.04
67	sec-Butylbenzene	1.933	1.648	14.7	106	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.727	-2.4	101	-0.04
69	p-Isopropyltoluene	1.595	1.352	15.2	105	-0.04
70	n-Butylbenzene	1.536	1.329	13.5	105	-0.05
71	2-Chlorotoluene	1.152	1.032	10.4	105	-0.04
72 T	4-Ethyltoluene	1.216	1.082	11.0	105	-0.04
73 T	1,3,5-Trimethylbenzene	1.113	0.998	10.3	105	-0.04
74 T	1,2,4-Trimethylbenzene	1.192	1.034	13.3	105	-0.04
75 T	1,3-Dichlorobenzene	0.759	0.638	15.9	102	-0.04
76 T	1,4-Dichlorobenzene	0.732	0.628	14.2	101	-0.05
77 T	1,2-Dichlorobenzene	0.740	0.615	16.9	102	-0.04
78 T	Hexachloro-1,3-Butadiene	0.345	0.280	18.8	99	-0.04
79 T	Naphthalene	0.831	0.691	16.8	99	-0.05
80 T	Naphthalene,2-methyl-	0.135	0.112	17.0	81	-0.03
81 T	1,2,4-Trichlorobenzene	0.464	0.364	21.6	95	-0.05

(#) = Out of Range

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