

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110320\
 Data File : VL035826.D
 Acq On : 4 Nov 2020 5:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 04 06:35:42 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	89	-0.03
2 T	Dichlorodifluoromethane	1.883	1.872	0.6	106	-0.02
3	Chlorodifluoromethane	1.198	1.140	4.8	96	-0.02
4	Chloromethane	0.582	0.554	4.8	93	-0.02
5 T	Vinyl Chloride	0.742	0.724	2.4	99	-0.02
6 T	Bromomethane	0.596	0.626	-5.0	104	-0.02
7	Chloroethane	0.261	0.264	-1.1	99	-0.02
8 T	Dichlorotetrafluoroethane	2.155	2.125	1.4	102	-0.02
9 T	Propene	0.438	0.423	3.4	94	-0.02
10 T	Heptane	1.211	1.167	3.6	94	-0.03
11 T	Trichlorofluoromethane	2.364	2.331	1.4	97	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.756	0.2	98	-0.03
13	Ethanol	0.095	0.072	24.2	89	-0.03
14 T	Bromoethene	0.810	0.838	-3.5	105	-0.03
15 T	Acetone	1.069	0.956	10.6	98	-0.02
16 T	1,3-Butadiene	0.460	0.440	4.3	96	-0.02
17	tert-Butyl alcohol	1.417	1.438	-1.5	102	-0.03
18 T	1,1-Dichloroethene	0.808	0.840	-4.0	102	-0.02
19 T	Isopropyl Alcohol	0.657	0.623	5.2	97	-0.02
20 T	Methylene Chloride	0.753	0.677	10.1	101	-0.03
21 T	Allyl Chloride	0.578	0.578	0.0	95	-0.03
22 T	trans-1,2-Dichloroethene	0.819	0.851	-3.9	100	-0.03
23 T	Vinyl Acetate	1.499	1.371	8.5	93	-0.03
24 T	1,1-Dichloroethane	1.428	1.404	1.7	98	-0.03
25 T	Ethyl Acetate	2.106	1.996	5.2	94	-0.03
26 T	Hexane	1.162	1.120	3.6	99	-0.03
27 T	Carbon Disulfide	1.740	1.786	-2.6	97	-0.03
28 T	Methyl tert-Butyl Ether	2.086	2.065	1.0	103	-0.03
29 T	Chloroform	2.283	2.286	-0.1	101	-0.03
30 T	Cyclohexane	1.265	1.282	-1.3	105	-0.03
31 T	cis-1,2-Dichloroethene	1.195	1.211	-1.3	100	-0.03
32 T	1,1,1-Trichloroethane	2.382	2.284	4.1	102	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.03
34 T	2-Butanone	0.325	0.284	12.6	95	-0.03
35 T	Carbon Tetrachloride	0.534	0.504	5.6	102	-0.03
36 T	Benzene	0.743	0.670	9.8	104	-0.03
37 T	1,2-Dichloroethane	0.337	0.314	6.8	100	-0.03
38 T	Trichloroethene	0.363	0.322	11.3	107	-0.03
39 T	1,2-Dichloropropane	0.250	0.218	12.8	99	-0.04
40 T	1,4-Dioxane	0.119	0.102	14.3	99	-0.03
41 T	Tetrahydrofuran	0.184	0.169	8.2	95	-0.03
42 T	Bromodichloromethane	0.568	0.527	7.2	99	-0.03
43	Methyl Methacrylate	0.284	0.269	5.3	103	-0.03
44 T	2,2,4-Trimethylpentane	0.984	0.832	15.4	97	-0.03
45 T	t-1,3-Dichloropropene	0.301	0.308	-2.3	106	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.367	3.7	104	-0.03
47 T	1,1,2-Trichloroethane	0.341	0.314	7.9	105	-0.03
48 T	Dibromochloromethane	0.521	0.516	1.0	105	-0.03
49 T	Bromoform	0.440	0.448	-1.8	106	-0.04
50 T	4-Methyl-2-Pentanone	0.496	0.439	11.5	95	-0.03
51 T	2-Hexanone	0.399	0.366	8.3	97	-0.03
52 T	Tetrachloroethene	0.352	0.309	12.2	110	-0.04
53 T	Toluene	0.897	0.828	7.7	107	-0.03
54 T	1,2-Dibromoethane	0.519	0.491	5.4	108	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	109	-0.04
56	1,1,1,2-Tetrachloroethane	0.449	0.412	8.2	107	-0.04
57 T	Chlorobenzene	0.795	0.695	12.6	110	-0.04
58 T	Ethyl Benzene	1.218	1.087	10.8	108	-0.04
59 T	m/p-Xylene	1.030	0.902	12.4	106	-0.04
60 T	o-Xylene	1.002	0.879	12.3	107	-0.03
61 T	Styrene	0.734	0.715	2.6	113	-0.04
62	Isopropylbenzene	1.576	1.357	13.9	110	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.777	0.623	19.8	107	-0.04
64	n-propylbenzene	0.455	0.422	7.3	115	-0.04
65	tert-Butylbenzene	1.434	1.250	12.8	114	-0.04
66 T	Benzyl Chloride	0.474	0.477	-0.6	120	-0.03
67	sec-Butylbenzene	1.933	1.658	14.2	113	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.678	4.5	100	-0.04
69	p-Isopropyltoluene	1.595	1.439	9.8	118	-0.03
70	n-Butylbenzene	1.536	1.404	8.6	117	-0.03
71	2-Chlorotoluene	1.152	1.036	10.1	112	-0.04
72 T	4-Ethyltoluene	1.216	1.117	8.1	114	-0.04
73 T	1,3,5-Trimethylbenzene	1.113	1.036	6.9	115	-0.04
74 T	1,2,4-Trimethylbenzene	1.192	1.055	11.5	114	-0.04
75 T	1,3-Dichlorobenzene	0.759	0.710	6.5	120	-0.04
76 T	1,4-Dichlorobenzene	0.732	0.705	3.7	121	-0.04
77 T	1,2-Dichlorobenzene	0.740	0.710	4.1	125	-0.04
78 T	Hexachloro-1,3-Butadiene	0.345	0.371	-7.5	139	-0.04
79 T	Naphthalene	0.831	1.103	-32.7#	167#	-0.05
80 T	Naphthalene,2-methyl-	0.135	0.305	-125.9#	233#	-0.03
81 T	1,2,4-Trichlorobenzene	0.464	0.567	-22.2	157#	-0.05

(#) = Out of Range

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