

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL110420\
 Data File : VL035856.D
 Acq On : 5 Nov 2020 6:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 05 07:54:55 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	69	-0.03
2 T	Dichlorodifluoromethane	1.883	1.891	-0.4	84	-0.02
3	Chlorodifluoromethane	1.198	1.137	5.1	75	-0.02
4	Chloromethane	0.582	0.558	4.1	74	-0.02
5 T	Vinyl Chloride	0.742	0.692	6.7	74	-0.02
6 T	Bromomethane	0.596	0.564	5.4	73	-0.02
7	Chloroethane	0.261	0.260	0.4	76	-0.02
8 T	Dichlorotetrafluoroethane	2.155	2.061	4.4	78	-0.02
9 T	Propene	0.438	0.415	5.3	72	-0.02
10 T	Heptane	1.211	1.263	-4.3	79	-0.04
11 T	Trichlorofluoromethane	2.364	2.498	-5.7	82	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.808	-2.7	79	-0.03
13	Ethanol	0.095	0.062	34.7#	60	-0.02
14 T	Bromoethene	0.810	0.757	6.5	74	-0.03
15 T	Acetone	1.069	0.980	8.3	79	-0.02
16 T	1,3-Butadiene	0.460	0.451	2.0	77	-0.02
17	tert-Butyl alcohol	1.417	1.140	19.5	63	-0.02
18 T	1,1-Dichloroethene	0.808	0.799	1.1	76	-0.02
19 T	Isopropyl Alcohol	0.657	0.535	18.6	65	-0.02
20 T	Methylene Chloride	0.753	0.640	15.0	75	-0.03
21 T	Allyl Chloride	0.578	0.571	1.2	73	-0.03
22 T	trans-1,2-Dichloroethene	0.819	0.838	-2.3	77	-0.03
23 T	Vinyl Acetate	1.499	1.357	9.5	72	-0.03
24 T	1,1-Dichloroethane	1.428	1.360	4.8	75	-0.03
25 T	Ethyl Acetate	2.106	2.110	-0.2	78	-0.03
26 T	Hexane	1.162	1.108	4.6	76	-0.03
27 T	Carbon Disulfide	1.740	1.717	1.3	73	-0.03
28 T	Methyl tert-Butyl Ether	2.086	1.857	11.0	73	-0.03
29 T	Chloroform	2.283	2.251	1.4	78	-0.03
30 T	Cyclohexane	1.265	1.175	7.1	75	-0.03
31 T	cis-1,2-Dichloroethene	1.195	1.156	3.3	75	-0.03
32 T	1,1,1-Trichloroethane	2.382	2.175	8.7	76	-0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	-0.03
34 T	2-Butanone	0.325	0.343	-5.5	77	-0.03
35 T	Carbon Tetrachloride	0.534	0.572	-7.1	78	-0.03
36 T	Benzene	0.743	0.718	3.4	76	-0.03
37 T	1,2-Dichloroethane	0.337	0.361	-7.1	77	-0.03
38 T	Trichloroethene	0.363	0.338	6.9	76	-0.04
39 T	1,2-Dichloropropane	0.250	0.248	0.8	76	-0.03
40 T	1,4-Dioxane	0.119	0.103	13.4	67	-0.04
41 T	Tetrahydrofuran	0.184	0.200	-8.7	76	-0.03
42 T	Bromodichloromethane	0.568	0.591	-4.0	75	-0.04
43	Methyl Methacrylate	0.284	0.294	-3.5	76	-0.03
44 T	2,2,4-Trimethylpentane	0.984	0.991	-0.7	78	-0.03
45 T	t-1,3-Dichloropropene	0.301	0.312	-3.7	72	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.389	-2.1	74	-0.03
47 T	1,1,2-Trichloroethane	0.341	0.339	0.6	77	-0.03
48 T	Dibromochloromethane	0.521	0.564	-8.3	77	-0.03
49 T	Bromoform	0.440	0.495	-12.5	79	-0.04
50 T	4-Methyl-2-Pentanone	0.496	0.551	-11.1	80	-0.03
51 T	2-Hexanone	0.399	0.459	-15.0	82	-0.04
52 T	Tetrachloroethene	0.352	0.324	8.0	78	-0.04
53 T	Toluene	0.897	0.890	0.8	78	-0.04
54 T	1,2-Dibromoethane	0.519	0.524	-1.0	78	-0.04
55 I	Chlorobenzene-d5	1.000	1.000	0.0	72	-0.04
56	1,1,1,2-Tetrachloroethane	0.449	0.463	-3.1	79	-0.04
57 T	Chlorobenzene	0.795	0.767	3.5	80	-0.04
58 T	Ethyl Benzene	1.218	1.238	-1.6	81	-0.04
59 T	m/p-Xylene	1.030	1.061	-3.0	83	-0.04
60 T	o-Xylene	1.002	1.037	-3.5	83	-0.04
61 T	Styrene	0.734	0.779	-6.1	81	-0.04
62	Isopropylbenzene	1.576	1.578	-0.1	84	-0.04
63 T	1,1,2,2-Tetrachloroethane	0.777	0.753	3.1	86	-0.04
64	n-propylbenzene	0.455	0.466	-2.4	84	-0.04
65	tert-Butylbenzene	1.434	1.458	-1.7	87	-0.04
66 T	Benzyl Chloride	0.474	0.495	-4.4	82	-0.04
67	sec-Butylbenzene	1.933	1.997	-3.3	90	-0.04
68 S	1-Bromo-4-Fluorobenzene	0.710	0.731	-3.0	71	-0.04
69	p-Isopropyltoluene	1.595	1.683	-5.5	91	-0.04
70	n-Butylbenzene	1.536	1.697	-10.5	94	-0.04
71	2-Chlorotoluene	1.152	1.206	-4.7	86	-0.04
72 T	4-Ethyltoluene	1.216	1.281	-5.3	87	-0.04
73 T	1,3,5-Trimethylbenzene	1.113	1.193	-7.2	88	-0.04
74 T	1,2,4-Trimethylbenzene	1.192	1.260	-5.7	90	-0.04
75 T	1,3-Dichlorobenzene	0.759	0.798	-5.1	89	-0.04
76 T	1,4-Dichlorobenzene	0.732	0.783	-7.0	88	-0.04
77 T	1,2-Dichlorobenzene	0.740	0.788	-6.5	91	-0.04
78 T	Hexachloro-1,3-Butadiene	0.345	0.453	-31.3#	112	-0.04
79 T	Naphthalene	0.831	1.156	-39.1#	116	-0.05
80 T	Naphthalene,2-methyl-	0.135	0.261	-93.3#	132	-0.03
81 T	1,2,4-Trichlorobenzene	0.464	0.598	-28.9	109	-0.05

(#) = Out of Range

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