

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL112420\
 Data File : VL035994.D
 Acq On : 24 Nov 2020 11:30
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 25 08:40:49 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	100	-0.02
2 T	Dichlorodifluoromethane	1.883	1.409	25.2	90	-0.02
3	Chlorodifluoromethane	1.198	1.137	5.1	108	-0.02
4	Chloromethane	0.582	0.573	1.5	109	-0.02
5 T	Vinyl Chloride	0.742	0.715	3.6	110	-0.02
6 T	Bromomethane	0.596	0.579	2.9	108	-0.02
7	Chloroethane	0.261	0.265	-1.5	111	-0.02
8 T	Dichlorotetrafluoroethane	2.155	1.962	9.0	106	-0.02
9 T	Propene	0.438	0.417	4.8	104	-0.02
10 T	Heptane	1.211	1.258	-3.9	114	-0.03
11 T	Trichlorofluoromethane	2.364	2.362	0.1	111	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.760	1.776	-0.9	111	-0.02
13	Ethanol	0.095	0.080	15.8	110	-0.02
14 T	Bromoethene	0.810	0.751	7.3	106	-0.02
15 T	Acetone	1.069	1.008	5.7	116	-0.02
16 T	1,3-Butadiene	0.460	0.464	-0.9	114	-0.02
17	tert-Butyl alcohol	1.417	1.326	6.4	106	-0.02
18 T	1,1-Dichloroethene	0.808	0.815	-0.9	112	-0.02
19 T	Isopropyl Alcohol	0.657	0.650	1.1	114	-0.02
20 T	Methylene Chloride	0.753	0.683	9.3	115	-0.02
21 T	Allyl Chloride	0.578	0.598	-3.5	110	-0.02
22 T	trans-1,2-Dichloroethene	0.819	0.821	-0.2	109	-0.02
23 T	Vinyl Acetate	1.499	1.316	12.2	100	-0.02
24 T	1,1-Dichloroethane	1.428	1.393	2.5	110	-0.02
25 T	Ethyl Acetate	2.106	2.132	-1.2	113	-0.02
26 T	Hexane	1.162	1.112	4.3	110	-0.02
27 T	Carbon Disulfide	1.740	1.801	-3.5	110	-0.02
28 T	Methyl tert-Butyl Ether	2.086	1.829	12.3	103	-0.02
29 T	Chloroform	2.283	2.151	5.8	107	-0.02
30 T	Cyclohexane	1.265	1.141	9.8	105	-0.03
31 T	cis-1,2-Dichloroethene	1.195	1.112	6.9	103	-0.02
32 T	1,1,1-Trichloroethane	2.382	2.058	13.6	103	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.02
34 T	2-Butanone	0.325	0.361	-11.1	109	-0.02
35 T	Carbon Tetrachloride	0.534	0.565	-5.8	103	-0.02
36 T	Benzene	0.743	0.739	0.5	104	-0.03
37 T	1,2-Dichloroethane	0.337	0.370	-9.8	106	-0.02
38 T	Trichloroethene	0.363	0.340	6.3	103	-0.03
39 T	1,2-Dichloropropane	0.250	0.264	-5.6	109	-0.03
40 T	1,4-Dioxane	0.119	0.123	-3.4	108	-0.02
41 T	Tetrahydrofuran	0.184	0.212	-15.2	108	-0.02
42 T	Bromodichloromethane	0.568	0.614	-8.1	104	-0.03
43	Methyl Methacrylate	0.284	0.307	-8.1	106	-0.03
44 T	2,2,4-Trimethylpentane	0.984	1.057	-7.4	112	-0.03
45 T	t-1,3-Dichloropropene	0.301	0.319	-6.0	99	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.405	-6.3	103	-0.02
47 T	1,1,2-Trichloroethane	0.341	0.346	-1.5	105	-0.03
48 T	Dibromochloromethane	0.521	0.558	-7.1	103	-0.03
49 T	Bromoform	0.440	0.458	-4.1	98	-0.03
50 T	4-Methyl-2-Pentanone	0.496	0.580	-16.9	113	-0.02
51 T	2-Hexanone	0.399	0.466	-16.8	112	-0.03
52 T	Tetrachloroethene	0.352	0.304	13.6	97	-0.03
53 T	Toluene	0.897	0.897	0.0	105	-0.03
54 T	1,2-Dibromoethane	0.519	0.515	0.8	102	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	-0.03
56	1,1,1,2-Tetrachloroethane	0.449	0.433	3.6	104	-0.03
57 T	Chlorobenzene	0.795	0.723	9.1	105	-0.03
58 T	Ethyl Benzene	1.218	1.150	5.6	106	-0.03
59 T	m/p-Xylene	1.030	0.991	3.8	108	-0.03
60 T	o-Xylene	1.002	0.973	2.9	109	-0.03
61 T	Styrene	0.734	0.710	3.3	103	-0.03
62	Isopropylbenzene	1.576	1.430	9.3	107	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.777	0.713	8.2	113	-0.03
64	n-propylbenzene	0.455	0.416	8.6	105	-0.03
65	tert-Butylbenzene	1.434	1.277	10.9	107	-0.03
66 T	Benzyl Chloride	0.474	0.449	5.3	105	-0.03
67	sec-Butylbenzene	1.933	1.719	11.1	108	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.710	0.777	-9.4	106	-0.03
69	p-Isopropyltoluene	1.595	1.399	12.3	106	-0.03
70	n-Butylbenzene	1.536	1.408	8.3	109	-0.03
71	2-Chlorotoluene	1.152	1.078	6.4	108	-0.03
72 T	4-Ethyltoluene	1.216	1.125	7.5	106	-0.03
73 T	1,3,5-Trimethylbenzene	1.113	1.036	6.9	106	-0.03
74 T	1,2,4-Trimethylbenzene	1.192	1.090	8.6	109	-0.03
75 T	1,3-Dichlorobenzene	0.759	0.655	13.7	102	-0.03
76 T	1,4-Dichlorobenzene	0.732	0.639	12.7	101	-0.03
77 T	1,2-Dichlorobenzene	0.740	0.625	15.5	101	-0.03
78 T	Hexachloro-1,3-Butadiene	0.345	0.288	16.5	100	-0.03
79 T	Naphthalene	0.831	0.680	18.2	95	-0.04
80 T	Naphthalene,2-methyl-	0.135	0.078	42.2#	55	-0.02
81 T	1,2,4-Trichlorobenzene	0.464	0.356	23.3	91	-0.04

(#) = Out of Range

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