

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035078.D
 Acq On : 22 May 2020 9:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 22 23:29:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 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	92	-0.02
2 T	Dichlorodifluoromethane	1.419	1.118	21.2	96	-0.01
3	Chlorodifluoromethane	1.142	1.124	1.6	105	-0.01
4	Chloromethane	0.654	0.647	1.1	105	-0.02
5 T	Vinyl Chloride	0.638	0.633	0.8	104	-0.01
6 T	Bromomethane	0.381	0.384	-0.8	105	-0.01
7	Chloroethane	0.229	0.238	-3.9	105	-0.01
8 T	Dichlorotetrafluoroethane	1.469	1.460	0.6	107	-0.01
9 T	Propene	0.495	0.468	5.5	97	-0.02
10 T	Heptane	1.241	1.328	-7.0	102	-0.02
11 T	Trichlorofluoromethane	1.463	1.506	-2.9	107	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.042	1.048	-0.6	105	-0.02
13	Ethanol	0.163	0.142	12.9	97	0.00
14 T	Bromoethene	0.431	0.464	-7.7	105	-0.01
15 T	Acetone	1.322	1.185	10.4	108	-0.02
16 T	1,3-Butadiene	0.569	0.576	-1.2	104	-0.01
17	tert-Butyl alcohol	1.176	1.138	3.2	99	-0.02
18 T	1,1-Dichloroethene	0.452	0.486	-7.5	105	-0.02
19 T	Isopropyl Alcohol	0.882	0.854	3.2	101	-0.02
20 T	Methylene Chloride	0.438	0.430	1.8	106	-0.02
21 T	Allyl Chloride	0.747	0.806	-7.9	102	-0.02
22 T	trans-1,2-Dichloroethene	0.448	0.479	-6.9	102	-0.02
23 T	Vinyl Acetate	1.676	1.751	-4.5	102	-0.02
24 T	1,1-Dichloroethane	1.291	1.288	0.2	104	-0.02
25 T	Ethyl Acetate	2.221	2.275	-2.4	104	-0.02
26 T	Hexane	0.963	1.008	-4.7	105	-0.02
27 T	Carbon Disulfide	1.135	1.256	-10.7	101	-0.02
28 T	Methyl tert-Butyl Ether	1.466	1.458	0.5	97	-0.02
29 T	Chloroform	1.575	1.583	-0.5	106	-0.02
30 T	Cyclohexane	0.743	0.840	-13.1	105	-0.02
31 T	cis-1,2-Dichloroethene	0.939	1.024	-9.1	105	-0.02
32 T	1,1,1-Trichloroethane	1.423	1.511	-6.2	106	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	-0.02
34 T	2-Butanone	0.622	0.631	-1.4	102	-0.02
35 T	Carbon Tetrachloride	0.631	0.675	-7.0	105	-0.02
36 T	Benzene	0.824	0.866	-5.1	104	-0.02
37 T	1,2-Dichloroethane	0.509	0.532	-4.5	107	-0.02
38 T	Trichloroethene	0.319	0.333	-4.4	106	-0.02
39 T	1,2-Dichloropropane	0.331	0.336	-1.5	102	-0.02
40 T	1,4-Dioxane	0.134	0.135	-0.7	102	-0.02
41 T	Tetrahydrofuran	0.327	0.351	-7.3	100	-0.02
42 T	Bromodichloromethane	0.686	0.731	-6.6	106	-0.03
43	Methyl Methacrylate	0.348	0.398	-14.4	104	-0.02
44 T	2,2,4-Trimethylpentane	1.466	1.508	-2.9	105	-0.02
45 T	t-1,3-Dichloropropene	0.351	0.440	-25.4	101	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.431	0.521	-20.9	103	-0.02
47 T	1,1,2-Trichloroethane	0.349	0.365	-4.6	106	-0.02
48 T	Dibromochloromethane	0.536	0.604	-12.7	105	-0.02
49 T	Bromoform	0.461	0.521	-13.0	102	-0.02
50 T	4-Methyl-2-Pentanone	0.886	0.946	-6.8	103	-0.02
51 T	2-Hexanone	0.693	0.781	-12.7	102	-0.02
52 T	Tetrachloroethene	0.293	0.305	-4.1	106	-0.03
53 T	Toluene	0.874	1.007	-15.2	105	-0.02
54 T	1,2-Dibromoethane	0.512	0.549	-7.2	105	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	95	-0.02
56	1,1,1,2-Tetrachloroethane	0.451	0.430	4.7	104	-0.03
57 T	Chlorobenzene	0.792	0.739	6.7	106	-0.02
58 T	Ethyl Benzene	1.237	1.307	-5.7	104	-0.02
59 T	m/p-Xylene	1.088	1.087	0.1	105	-0.03
60 T	o-Xylene	1.074	1.081	-0.7	106	-0.02
61 T	Styrene	0.679	0.769	-13.3	105	-0.03
62	Isopropylbenzene	1.603	1.586	1.1	105	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.845	0.754	10.8	105	-0.02
64	n-propylbenzene	0.411	0.416	-1.2	105	-0.02
65	tert-Butylbenzene	1.390	1.366	1.7	106	-0.02
66 T	Benzyl Chloride	0.472	0.517	-9.5	96	-0.03
67	sec-Butylbenzene	1.985	1.947	1.9	106	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.809	0.802	0.9	96	-0.02
69	p-Isopropyltoluene	1.606	1.583	1.4	104	-0.03
70	n-Butylbenzene	1.709	1.687	1.3	106	-0.02
71	2-Chlorotoluene	1.210	1.223	-1.1	105	-0.02
72 T	4-Ethyltoluene	1.198	1.253	-4.6	107	-0.02
73 T	1,3,5-Trimethylbenzene	1.166	1.168	-0.2	105	-0.03
74 T	1,2,4-Trimethylbenzene	1.272	1.202	5.5	105	-0.03
75 T	1,3-Dichlorobenzene	0.747	0.691	7.5	107	-0.03
76 T	1,4-Dichlorobenzene	0.710	0.686	3.4	106	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.662	6.0	105	-0.02
78 T	Hexachloro-1,3-Butadiene	0.600	0.562	6.3	112	-0.02
79 T	Naphthalene	0.991	1.195	-20.6	104	-0.03
80 T	Naphthalene,2-methyl-	0.244	0.550	-125.4#	115	-0.02
81 T	1,2,4-Trichlorobenzene	0.601	0.630	-4.8	105	-0.03

(#) = Out of Range

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