

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL051920\
 Data File : VL035076.D
 Acq On : 20 May 2020 11:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 20 14:16:26 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	94	-0.02
2 T	Dichlorodifluoromethane	1.419	1.242	12.5	110	-0.02
3	Chlorodifluoromethane	1.142	1.140	0.2	110	-0.02
4	Chloromethane	0.654	0.662	-1.2	111	-0.02
5 T	Vinyl Chloride	0.638	0.643	-0.8	109	-0.02
6 T	Bromomethane	0.381	0.369	3.1	104	-0.02
7	Chloroethane	0.229	0.231	-0.9	106	-0.01
8 T	Dichlorotetrafluoroethane	1.469	1.380	6.1	104	-0.01
9 T	Propene	0.495	0.556	-12.3	119	-0.02
10 T	Heptane	1.241	1.390	-12.0	110	-0.02
11 T	Trichlorofluoromethane	1.463	1.371	6.3	101	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.042	0.984	5.6	102	-0.02
13	Ethanol	0.163	0.147	9.8	104	-0.02
14 T	Bromoethene	0.431	0.445	-3.2	103	-0.02
15 T	Acetone	1.322	1.169	11.6	110	-0.02
16 T	1,3-Butadiene	0.569	0.601	-5.6	111	-0.02
17	tert-Butyl alcohol	1.176	1.175	0.1	105	-0.02
18 T	1,1-Dichloroethene	0.452	0.459	-1.5	102	-0.02
19 T	Isopropyl Alcohol	0.882	0.865	1.9	106	-0.02
20 T	Methylene Chloride	0.438	0.395	9.8	100	-0.02
21 T	Allyl Chloride	0.747	0.805	-7.8	105	-0.02
22 T	trans-1,2-Dichloroethene	0.448	0.454	-1.3	100	-0.02
23 T	Vinyl Acetate	1.676	1.866	-11.3	112	-0.02
24 T	1,1-Dichloroethane	1.291	1.259	2.5	104	-0.02
25 T	Ethyl Acetate	2.221	2.366	-6.5	112	-0.02
26 T	Hexane	0.963	1.026	-6.5	110	-0.02
27 T	Carbon Disulfide	1.135	1.121	1.2	93	-0.02
28 T	Methyl tert-Butyl Ether	1.466	1.518	-3.5	104	-0.02
29 T	Chloroform	1.575	1.502	4.6	104	-0.02
30 T	Cyclohexane	0.743	0.855	-15.1	110	-0.02
31 T	cis-1,2-Dichloroethene	0.939	1.040	-10.8	110	-0.02
32 T	1,1,1-Trichloroethane	1.423	1.428	-0.4	103	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	-0.02
34 T	2-Butanone	0.622	0.664	-6.8	114	-0.02
35 T	Carbon Tetrachloride	0.631	0.601	4.8	99	-0.02
36 T	Benzene	0.824	0.862	-4.6	109	-0.03
37 T	1,2-Dichloroethane	0.509	0.486	4.5	103	-0.02
38 T	Trichloroethene	0.319	0.323	-1.3	108	-0.03
39 T	1,2-Dichloropropane	0.331	0.339	-2.4	109	-0.03
40 T	1,4-Dioxane	0.134	0.131	2.2	105	-0.03
41 T	Tetrahydrofuran	0.327	0.385	-17.7	116	-0.02
42 T	Bromodichloromethane	0.686	0.662	3.5	102	-0.03
43	Methyl Methacrylate	0.348	0.387	-11.2	107	-0.02
44 T	2,2,4-Trimethylpentane	1.466	1.478	-0.8	109	-0.02
45 T	t-1,3-Dichloropropene	0.351	0.419	-19.4	103	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.431	0.502	-16.5	105	-0.02
47 T	1,1,2-Trichloroethane	0.349	0.346	0.9	107	-0.03
48 T	Dibromochloromethane	0.536	0.541	-0.9	100	-0.03
49 T	Bromoform	0.461	0.451	2.2	94	-0.03
50 T	4-Methyl-2-Pentanone	0.886	0.958	-8.1	110	-0.02
51 T	2-Hexanone	0.693	0.787	-13.6	109	-0.03
52 T	Tetrachloroethene	0.293	0.295	-0.7	108	-0.03
53 T	Toluene	0.874	0.987	-12.9	109	-0.03
54 T	1,2-Dibromoethane	0.512	0.522	-2.0	106	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.03
56	1,1,1,2-Tetrachloroethane	0.451	0.413	8.4	102	-0.03
57 T	Chlorobenzene	0.792	0.722	8.8	106	-0.02
58 T	Ethyl Benzene	1.237	1.290	-4.3	105	-0.03
59 T	m/p-Xylene	1.088	1.057	2.8	104	-0.05
60 T	o-Xylene	1.074	1.034	3.7	103	-0.03
61 T	Styrene	0.679	0.759	-11.8	106	-0.03
62	Isopropylbenzene	1.603	1.531	4.5	104	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.845	0.709	16.1	100	-0.03
64	n-propylbenzene	0.411	0.406	1.2	105	-0.03
65	tert-Butylbenzene	1.390	1.323	4.8	105	-0.03
66 T	Benzyl Chloride	0.472	0.488	-3.4	93	-0.03
67	sec-Butylbenzene	1.985	1.900	4.3	105	-0.03
68 S	1-Bromo-4-Fluorobenzene	0.809	0.802	0.9	99	-0.03
69	p-Isopropyltoluene	1.606	1.587	1.2	107	-0.03
70	n-Butylbenzene	1.709	1.710	-0.1	110	-0.02
71	2-Chlorotoluene	1.210	1.194	1.3	104	-0.03
72 T	4-Ethyltoluene	1.198	1.227	-2.4	107	-0.03
73 T	1,3,5-Trimethylbenzene	1.166	1.141	2.1	105	-0.03
74 T	1,2,4-Trimethylbenzene	1.272	1.177	7.5	105	-0.03
75 T	1,3-Dichlorobenzene	0.747	0.698	6.6	110	-0.03
76 T	1,4-Dichlorobenzene	0.710	0.693	2.4	109	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.685	2.7	112	-0.02
78 T	Hexachloro-1,3-Butadiene	0.600	0.633	-5.5	129	-0.02
79 T	Naphthalene	0.991	1.419	-43.2#	127	-0.04
80 T	Naphthalene,2-methyl-	0.244	0.444	-82.0#	95	-0.03
81 T	1,2,4-Trichlorobenzene	0.601	0.743	-23.6	126	-0.03

(#) = Out of Range

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