

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL051420\
 Data File : VL035018.D
 Acq On : 14 May 2020 12:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 15 01:22:07 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	85	-0.02
2 T	Dichlorodifluoromethane	1.419	1.074	24.3	86	-0.01
3	Chlorodifluoromethane	1.142	1.006	11.9	88	-0.01
4	Chloromethane	0.654	0.568	13.1	86	-0.01
5 T	Vinyl Chloride	0.638	0.571	10.5	87	-0.01
6 T	Bromomethane	0.381	0.335	12.1	85	-0.01
7	Chloroethane	0.229	0.212	7.4	87	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.296	11.8	88	0.00
9 T	Propene	0.495	0.424	14.3	82	-0.02
10 T	Heptane	1.241	1.183	4.7	84	-0.02
11 T	Trichlorofluoromethane	1.463	1.351	7.7	90	-0.01
12 T	1,1,2-Trichlorotrifluoroeth	1.042	0.947	9.1	88	-0.02
13	Ethanol	0.163	0.125	23.3	79	0.00
14 T	Bromoethene	0.431	0.417	3.2	87	-0.01
15 T	Acetone	1.322	1.064	19.5	90	-0.01
16 T	1,3-Butadiene	0.569	0.529	7.0	89	0.00
17	tert-Butyl alcohol	1.176	1.056	10.2	85	-0.01
18 T	1,1-Dichloroethene	0.452	0.439	2.9	88	-0.01
19 T	Isopropyl Alcohol	0.882	0.786	10.9	87	-0.02
20 T	Methylene Chloride	0.438	0.386	11.9	88	-0.01
21 T	Allyl Chloride	0.747	0.734	1.7	87	-0.02
22 T	trans-1,2-Dichloroethene	0.448	0.432	3.6	86	-0.02
23 T	Vinyl Acetate	1.676	1.558	7.0	85	-0.02
24 T	1,1-Dichloroethane	1.291	1.156	10.5	87	-0.02
25 T	Ethyl Acetate	2.221	2.041	8.1	87	-0.02
26 T	Hexane	0.963	0.900	6.5	87	-0.02
27 T	Carbon Disulfide	1.135	1.097	3.3	82	-0.01
28 T	Methyl tert-Butyl Ether	1.466	1.333	9.1	83	-0.01
29 T	Chloroform	1.575	1.401	11.0	87	-0.02
30 T	Cyclohexane	0.743	0.740	0.4	86	-0.01
31 T	cis-1,2-Dichloroethene	0.939	0.907	3.4	87	-0.02
32 T	1,1,1-Trichloroethane	1.423	1.330	6.5	87	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	-0.02
34 T	2-Butanone	0.622	0.582	6.4	87	-0.02
35 T	Carbon Tetrachloride	0.631	0.600	4.9	86	-0.02
36 T	Benzene	0.824	0.779	5.5	86	-0.02
37 T	1,2-Dichloroethane	0.509	0.491	3.5	90	-0.02
38 T	Trichloroethene	0.319	0.299	6.3	87	-0.02
39 T	1,2-Dichloropropane	0.331	0.308	6.9	86	-0.02
40 T	1,4-Dioxane	0.134	0.115	14.2	80	-0.02
41 T	Tetrahydrofuran	0.327	0.322	1.5	84	-0.02
42 T	Bromodichloromethane	0.686	0.657	4.2	88	-0.02
43	Methyl Methacrylate	0.348	0.358	-2.9	86	-0.02
44 T	2,2,4-Trimethylpentane	1.466	1.354	7.6	86	-0.02
45 T	t-1,3-Dichloropropene	0.351	0.401	-14.2	85	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.431	0.468	-8.6	85	-0.02
47 T	1,1,2-Trichloroethane	0.349	0.323	7.4	86	-0.02
48 T	Dibromochloromethane	0.536	0.541	-0.9	86	-0.02
49 T	Bromoform	0.461	0.464	-0.7	84	-0.02
50 T	4-Methyl-2-Pentanone	0.886	0.870	1.8	87	-0.02
51 T	2-Hexanone	0.693	0.718	-3.6	87	-0.02
52 T	Tetrachloroethene	0.293	0.275	6.1	88	-0.03
53 T	Toluene	0.874	0.913	-4.5	87	-0.02
54 T	1,2-Dibromoethane	0.512	0.500	2.3	88	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	-0.02
56	1,1,1,2-Tetrachloroethane	0.451	0.397	12.0	87	-0.02
57 T	Chlorobenzene	0.792	0.679	14.3	88	-0.02
58 T	Ethyl Benzene	1.237	1.202	2.8	87	-0.02
59 T	m/p-Xylene	1.088	0.996	8.5	87	-0.02
60 T	o-Xylene	1.074	0.983	8.5	87	-0.02
61 T	Styrene	0.679	0.707	-4.1	87	-0.02
62	Isopropylbenzene	1.603	1.455	9.2	87	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.845	0.696	17.6	88	-0.02
64	n-propylbenzene	0.411	0.372	9.5	85	-0.02
65	tert-Butylbenzene	1.390	1.240	10.8	88	-0.02
66 T	Benzyl Chloride	0.472	0.453	4.0	76	-0.02
67	sec-Butylbenzene	1.985	1.784	10.1	88	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.809	0.808	0.1	88	-0.02
69	p-Isopropyltoluene	1.606	1.456	9.3	87	-0.02
70	n-Butylbenzene	1.709	1.555	9.0	89	-0.02
71	2-Chlorotoluene	1.210	1.131	6.5	88	-0.02
72 T	4-Ethyltoluene	1.198	1.147	4.3	89	-0.02
73 T	1,3,5-Trimethylbenzene	1.166	1.067	8.5	87	-0.03
74 T	1,2,4-Trimethylbenzene	1.272	1.104	13.2	88	-0.02
75 T	1,3-Dichlorobenzene	0.747	0.629	15.8	88	-0.03
76 T	1,4-Dichlorobenzene	0.710	0.622	12.4	87	-0.02
77 T	1,2-Dichlorobenzene	0.704	0.597	15.2	86	-0.02
78 T	Hexachloro-1,3-Butadiene	0.600	0.508	15.3	92	-0.02
79 T	Naphthalene	0.991	1.102	-11.2	87	-0.03
80 T	Naphthalene,2-methyl-	0.244	0.500	-104.9#	95	-0.02
81 T	1,2,4-Trichlorobenzene	0.601	0.572	4.8	86	-0.03

(#) = Out of Range

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