

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL051220\
 Data File : VL034984.D
 Acq On : 12 May 2020 11:37
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 13 01:19:11 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	91	0.00
2 T	Dichlorodifluoromethane	1.419	1.176	17.1	100	0.00
3	Chlorodifluoromethane	1.142	1.022	10.5	95	0.00
4	Chloromethane	0.654	0.603	7.8	97	0.00
5 T	Vinyl Chloride	0.638	0.583	8.6	95	0.00
6 T	Bromomethane	0.381	0.353	7.3	96	0.00
7	Chloroethane	0.229	0.216	5.7	95	0.00
8 T	Dichlorotetrafluoroethane	1.469	1.337	9.0	97	0.00
9 T	Propene	0.495	0.444	10.3	91	0.00
10 T	Heptane	1.241	1.256	-1.2	96	0.00
11 T	Trichlorofluoromethane	1.463	1.372	6.2	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.042	0.973	6.6	97	0.00
13	Ethanol	0.163	0.114	30.1#	78	0.00
14 T	Bromoethene	0.431	0.428	0.7	96	0.00
15 T	Acetone	1.322	1.059	19.9	96	0.00
16 T	1,3-Butadiene	0.569	0.538	5.4	96	0.00
17	tert-Butyl alcohol	1.176	0.940	20.1	81	0.00
18 T	1,1-Dichloroethene	0.452	0.445	1.5	95	0.00
19 T	Isopropyl Alcohol	0.882	0.681	22.8	80	0.00
20 T	Methylene Chloride	0.438	0.390	11.0	95	0.00
21 T	Allyl Chloride	0.747	0.759	-1.6	95	0.00
22 T	trans-1,2-Dichloroethene	0.448	0.441	1.6	93	0.00
23 T	Vinyl Acetate	1.676	1.583	5.5	92	0.00
24 T	1,1-Dichloroethane	1.291	1.191	7.7	95	0.00
25 T	Ethyl Acetate	2.221	2.083	6.2	95	0.00
26 T	Hexane	0.963	0.922	4.3	95	0.00
27 T	Carbon Disulfide	1.135	1.163	-2.5	93	0.00
28 T	Methyl tert-Butyl Ether	1.466	1.361	7.2	90	0.00
29 T	Chloroform	1.575	1.457	7.5	97	-0.01
30 T	Cyclohexane	0.743	0.776	-4.4	96	0.00
31 T	cis-1,2-Dichloroethene	0.939	0.932	0.7	95	0.00
32 T	1,1,1-Trichloroethane	1.423	1.389	2.4	96	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.01
34 T	2-Butanone	0.622	0.582	6.4	94	0.00
35 T	Carbon Tetrachloride	0.631	0.620	1.7	96	-0.01
36 T	Benzene	0.824	0.799	3.0	95	-0.01
37 T	1,2-Dichloroethane	0.509	0.478	6.1	95	0.00
38 T	Trichloroethene	0.319	0.308	3.4	97	0.00
39 T	1,2-Dichloropropane	0.331	0.316	4.5	95	0.00
40 T	1,4-Dioxane	0.134	0.112	16.4	84	0.00
41 T	Tetrahydrofuran	0.327	0.327	0.0	93	0.00
42 T	Bromodichloromethane	0.686	0.669	2.5	96	0.00
43	Methyl Methacrylate	0.348	0.366	-5.2	95	0.00
44 T	2,2,4-Trimethylpentane	1.466	1.393	5.0	96	0.00
45 T	t-1,3-Dichloropropene	0.351	0.403	-14.8	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.431	0.482	-11.8	94	0.00
47 T	1,1,2-Trichloroethane	0.349	0.337	3.4	97	-0.01
48 T	Dibromochloromethane	0.536	0.559	-4.3	97	0.00
49 T	Bromoform	0.461	0.491	-6.5	96	-0.01
50 T	4-Methyl-2-Pentanone	0.886	0.889	-0.3	96	-0.01
51 T	2-Hexanone	0.693	0.728	-5.1	95	0.00
52 T	Tetrachloroethene	0.293	0.277	5.5	95	-0.02
53 T	Toluene	0.874	0.929	-6.3	96	-0.01
54 T	1,2-Dibromoethane	0.512	0.505	1.4	96	-0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
56	1,1,1,2-Tetrachloroethane	0.451	0.433	4.0	97	-0.01
57 T	Chlorobenzene	0.792	0.736	7.1	98	-0.01
58 T	Ethyl Benzene	1.237	1.299	-5.0	96	0.00
59 T	m/p-Xylene	1.088	1.079	0.8	97	-0.01
60 T	o-Xylene	1.074	1.068	0.6	97	0.00
61 T	Styrene	0.679	0.766	-12.8	97	0.00
62	Isopropylbenzene	1.603	1.565	2.4	96	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.845	0.763	9.7	98	0.00
64	n-propylbenzene	0.411	0.416	-1.2	97	0.00
65	tert-Butylbenzene	1.390	1.347	3.1	97	0.00
66 T	Benzyl Chloride	0.472	0.528	-11.9	91	-0.01
67	sec-Butylbenzene	1.985	1.921	3.2	97	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.809	0.804	0.6	90	0.00
69	p-Isopropyltoluene	1.606	1.586	1.2	97	0.00
70	n-Butylbenzene	1.709	1.662	2.8	97	0.00
71	2-Chlorotoluene	1.210	1.218	-0.7	97	0.00
72 T	4-Ethyltoluene	1.198	1.245	-3.9	98	0.00
73 T	1,3,5-Trimethylbenzene	1.166	1.156	0.9	96	-0.01
74 T	1,2,4-Trimethylbenzene	1.272	1.200	5.7	97	0.00
75 T	1,3-Dichlorobenzene	0.747	0.669	10.4	96	-0.01
76 T	1,4-Dichlorobenzene	0.710	0.686	3.4	98	-0.01
77 T	1,2-Dichlorobenzene	0.704	0.653	7.2	97	0.00
78 T	Hexachloro-1,3-Butadiene	0.600	0.521	13.2	96	0.00
79 T	Naphthalene	0.991	1.175	-18.6	95	-0.01
80 T	Naphthalene,2-methyl-	0.244	0.481	-97.1#	93	0.00
81 T	1,2,4-Trichlorobenzene	0.601	0.616	-2.5	95	-0.02

(#) = Out of Range

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