

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL020620\
 Data File : VL034617.D
 Acq On : 7 Feb 2020 11:41
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 08 03:02:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 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	0.07
2 T	Dichlorodifluoromethane	2.203	1.384	37.2#	62	0.05
3	Chlorodifluoromethane	1.208	1.179	2.4	93	0.05
4	Chloromethane	0.739	0.624	15.6	81	0.05
5 T	Vinyl Chloride	0.706	0.620	12.2	85	0.05
6 T	Bromomethane	0.367	0.378	-3.0	95	0.05
7	Chloroethane	0.263	0.239	9.1	86	0.06
8 T	Dichlorotetrafluoroethane	1.722	1.604	6.9	92	0.05
9 T	Propene	0.470	0.396	15.7	79	0.04
10 T	Heptane	1.184	1.139	3.8	83	0.08
11 T	Trichlorofluoromethane	2.001	1.950	2.5	94	0.06
12 T	1,1,2-Trichlorotrifluoroeth	1.305	1.285	1.5	94	0.06
13	Ethanol	0.126	0.163	-29.4	140	0.05
14 T	Bromoethene	0.512	0.500	2.3	89	0.05
15 T	Acetone	1.470	1.483	-0.9	103	0.06
16 T	1,3-Butadiene	0.584	0.571	2.2	87	0.05
17	tert-Butyl alcohol	1.081	1.331	-23.1	109	0.06
18 T	1,1-Dichloroethene	0.551	0.551	0.0	92	0.06
19 T	Isopropyl Alcohol	0.858	1.027	-19.7	111	0.06
20 T	Methylene Chloride	0.560	0.490	12.5	91	0.06
21 T	Allyl Chloride	0.913	0.896	1.9	89	0.06
22 T	trans-1,2-Dichloroethene	0.577	0.558	3.3	89	0.07
23 T	Vinyl Acetate	1.677	1.712	-2.1	90	0.07
24 T	1,1-Dichloroethane	1.400	1.293	7.6	87	0.06
25 T	Ethyl Acetate	2.379	2.079	12.6	81	0.07
26 T	Hexane	0.997	0.927	7.0	86	0.07
27 T	Carbon Disulfide	1.345	1.386	-3.0	87	0.06
28 T	Methyl tert-Butyl Ether	1.700	1.639	3.6	87	0.07
29 T	Chloroform	1.762	1.633	7.3	88	0.07
30 T	Cyclohexane	0.739	0.745	-0.8	87	0.07
31 T	cis-1,2-Dichloroethene	1.035	0.980	5.3	83	0.07
32 T	1,1,1-Trichloroethane	1.892	1.726	8.8	89	0.07
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.08
34 T	2-Butanone	0.726	0.660	9.1	84	0.07
35 T	Carbon Tetrachloride	0.956	0.922	3.6	89	0.08
36 T	Benzene	0.889	0.847	4.7	84	0.08
37 T	1,2-Dichloroethane	0.742	0.704	5.1	89	0.07
38 T	Trichloroethene	0.375	0.368	1.9	84	0.08
39 T	1,2-Dichloropropane	0.369	0.342	7.3	84	0.08
40 T	1,4-Dioxane	0.142	0.147	-3.5	93	0.09
41 T	Tetrahydrofuran	0.379	0.348	8.2	81	0.08
42 T	Bromodichloromethane	0.913	0.896	1.9	88	0.08
43	Methyl Methacrylate	0.358	0.360	-0.6	85	0.08
44 T	2,2,4-Trimethylpentane	1.613	1.532	5.0	86	0.08
45 T	t-1,3-Dichloropropene	0.468	0.491	-4.9	80	0.09

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.532	0.541	-1.7	80	0.08
47 T	1,1,2-Trichloroethane	0.399	0.384	3.8	87	0.08
48 T	Dibromochloromethane	0.732	0.747	-2.0	86	0.08
49 T	Bromoform	0.642	0.670	-4.4	86	0.09
50 T	4-Methyl-2-Pentanone	1.035	0.995	3.9	84	0.09
51 T	2-Hexanone	0.815	0.827	-1.5	84	0.08
52 T	Tetrachloroethene	0.357	0.334	6.4	86	0.09
53 T	Toluene	0.977	1.005	-2.9	86	0.09
54 T	1,2-Dibromoethane	0.598	0.614	-2.7	91	0.09
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.09
56	1,1,1,2-Tetrachloroethane	0.494	0.491	0.6	90	0.08
57 T	Chlorobenzene	0.823	0.775	5.8	87	0.09
58 T	Ethyl Benzene	1.338	1.345	-0.5	87	0.09
59 T	m/p-Xylene	1.183	1.136	4.0	86	0.09
60 T	o-Xylene	1.188	1.193	-0.4	90	0.09
61 T	Styrene	0.792	0.812	-2.5	83	0.09
62	Isopropylbenzene	1.539	1.530	0.6	90	0.09
63 T	1,1,2,2-Tetrachloroethane	0.919	0.855	7.0	92	0.09
64	n-propylbenzene	0.396	0.410	-3.5	90	0.09
65	tert-Butylbenzene	1.395	1.447	-3.7	94	0.09
66 T	Benzyl Chloride	0.585	0.677	-15.7	88	0.09
67	sec-Butylbenzene	1.917	1.977	-3.1	95	0.09
68 S	1-Bromo-4-Fluorobenzene	0.845	0.853	-0.9	86	0.09
69	p-Isopropyltoluene	1.556	1.655	-6.4	94	0.09
70	n-Butylbenzene	1.652	1.727	-4.5	95	0.09
71	2-Chlorotoluene	1.169	1.203	-2.9	90	0.09
72 T	4-Ethyltoluene	1.305	1.339	-2.6	90	0.09
73 T	1,3,5-Trimethylbenzene	1.275	1.301	-2.0	90	0.09
74 T	1,2,4-Trimethylbenzene	1.412	1.394	1.3	93	0.09
75 T	1,3-Dichlorobenzene	0.813	0.769	5.4	91	0.09
76 T	1,4-Dichlorobenzene	0.801	0.756	5.6	89	0.09
77 T	1,2-Dichlorobenzene	0.781	0.750	4.0	93	0.09
78 T	Hexachloro-1,3-Butadiene	0.747	0.640	14.3	86	0.09
79 T	Naphthalene	1.111	1.106	0.5	87	0.12
80 T	Naphthalene,2-methyl-	0.428	0.291	32.0#	49	0.08
81 T	1,2,4-Trichlorobenzene	0.685	0.637	7.0	83	0.11

(#) = Out of Range

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