

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL010220\
 Data File : VL034543.D
 Acq On : 2 Jan 2020 11:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jan 03 05:00:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 30 14:58:50 2019
 QLast Update : Mon Dec 30 14:58:50 2019
 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	90	0.00
2 T	Dichlorodifluoromethane	1.577	1.181	25.1	87	0.00
3	Chlorodifluoromethane	1.191	1.092	8.3	94	0.00
4	Chloromethane	0.708	0.655	7.5	93	0.00
5 T	Vinyl Chloride	0.693	0.626	9.7	95	0.00
6 T	Bromomethane	0.345	0.332	3.8	93	0.00
7	Chloroethane	0.242	0.235	2.9	95	0.00
8 T	Dichlorotetrafluoroethane	1.582	1.455	8.0	94	0.00
9 T	Propene	0.459	0.446	2.8	93	0.00
10 T	Heptane	1.186	1.187	-0.1	92	0.00
11 T	Trichlorofluoromethane	1.825	1.713	6.1	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.161	1.127	2.9	95	0.00
13	Ethanol	0.127	0.120	5.5	100	0.00
14 T	Bromoethene	0.469	0.463	1.3	95	0.00
15 T	Acetone	1.459	1.207	17.3	94	0.00
16 T	1,3-Butadiene	0.561	0.559	0.4	92	0.00
17	tert-Butyl alcohol	1.169	1.201	-2.7	95	0.00
18 T	1,1-Dichloroethene	0.506	0.496	2.0	94	0.00
19 T	Isopropyl Alcohol	0.945	0.956	-1.2	98	0.00
20 T	Methylene Chloride	0.574	0.440	23.3	92	0.00
21 T	Allyl Chloride	0.839	0.838	0.1	93	0.00
22 T	trans-1,2-Dichloroethene	0.514	0.527	-2.5	96	0.00
23 T	Vinyl Acetate	1.685	1.695	-0.6	94	0.00
24 T	1,1-Dichloroethane	1.354	1.279	5.5	93	0.00
25 T	Ethyl Acetate	2.279	2.172	4.7	92	0.00
26 T	Hexane	0.960	0.916	4.6	92	0.00
27 T	Carbon Disulfide	1.214	1.311	-8.0	95	0.00
28 T	Methyl tert-Butyl Ether	1.604	1.649	-2.8	94	0.00
29 T	Chloroform	1.662	1.565	5.8	93	0.00
30 T	Cyclohexane	0.714	0.733	-2.7	92	0.00
31 T	cis-1,2-Dichloroethene	0.979	0.998	-1.9	92	0.00
32 T	1,1,1-Trichloroethane	1.725	1.626	5.7	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.715	0.687	3.9	92	0.00
35 T	Carbon Tetrachloride	0.907	0.847	6.6	94	0.00
36 T	Benzene	0.872	0.859	1.5	92	0.00
37 T	1,2-Dichloroethane	0.708	0.676	4.5	94	0.00
38 T	Trichloroethene	0.352	0.359	-2.0	93	0.00
39 T	1,2-Dichloropropane	0.358	0.351	2.0	91	0.00
40 T	1,4-Dioxane	0.145	0.145	0.0	97	0.00
41 T	Tetrahydrofuran	0.367	0.379	-3.3	91	0.00
42 T	Bromodichloromethane	0.871	0.850	2.4	93	0.00
43	Methyl Methacrylate	0.356	0.367	-3.1	90	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.532	5.0	92	0.00
45 T	t-1,3-Dichloropropene	0.458	0.518	-13.1	91	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.578	-10.3	92	0.00
47 T	1,1,2-Trichloroethane	0.395	0.371	6.1	92	0.00
48 T	Dibromochloromethane	0.685	0.716	-4.5	93	0.00
49 T	Bromoform	0.620	0.635	-2.4	91	0.00
50 T	4-Methyl-2-Pentanone	1.037	1.011	2.5	92	0.00
51 T	2-Hexanone	0.837	0.845	-1.0	91	0.00
52 T	Tetrachloroethene	0.340	0.327	3.8	91	0.00
53 T	Toluene	0.958	0.994	-3.8	91	0.00
54 T	1,2-Dibromoethane	0.575	0.568	1.2	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.483	0.451	6.6	92	0.00
57 T	Chlorobenzene	0.825	0.750	9.1	92	0.00
58 T	Ethyl Benzene	1.349	1.322	2.0	93	0.00
59 T	m/p-Xylene	1.179	1.099	6.8	92	0.00
60 T	o-Xylene	1.183	1.121	5.2	93	0.00
61 T	Styrene	0.809	0.813	-0.5	91	0.00
62	Isopropylbenzene	1.548	1.446	6.6	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.949	0.782	17.6	92	0.00
64	n-propylbenzene	0.395	0.372	5.8	90	0.00
65	tert-Butylbenzene	1.398	1.308	6.4	93	0.00
66 T	Benzyl Chloride	0.613	0.658	-7.3	90	0.00
67	sec-Butylbenzene	1.964	1.780	9.4	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.814	2.4	91	0.00
69	p-Isopropyltoluene	1.593	1.485	6.8	91	0.00
70	n-Butylbenzene	1.719	1.569	8.7	92	0.00
71	2-Chlorotoluene	1.202	1.122	6.7	91	0.00
72 T	4-Ethyltoluene	1.324	1.250	5.6	90	0.00
73 T	1,3,5-Trimethylbenzene	1.299	1.228	5.5	92	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.279	8.0	93	0.00
75 T	1,3-Dichlorobenzene	0.832	0.723	13.1	94	0.00
76 T	1,4-Dichlorobenzene	0.801	0.719	10.2	91	0.00
77 T	1,2-Dichlorobenzene	0.782	0.685	12.4	91	0.00
78 T	Hexachloro-1,3-Butadiene	0.743	0.636	14.4	95	0.00
79 T	Naphthalene	1.047	1.168	-11.6	93	0.00
80 T	Naphthalene,2-methyl-	0.290	0.637	-119.7#	142	0.00
81 T	1,2,4-Trichlorobenzene	0.682	0.699	-2.5	93	0.00

(#) = Out of Range

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