

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL123019\
 Data File : VL034541.D
 Acq On : 31 Dec 2019 10:20
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 31 16:26:52 2019
 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	1.427	9.5	105	0.00
3	Chlorodifluoromethane	1.191	1.079	9.4	93	0.00
4	Chloromethane	0.708	0.663	6.4	95	0.00
5 T	Vinyl Chloride	0.693	0.614	11.4	93	0.00
6 T	Bromomethane	0.345	0.333	3.5	93	0.00
7	Chloroethane	0.242	0.234	3.3	95	0.00
8 T	Dichlorotetrafluoroethane	1.582	1.464	7.5	95	0.00
9 T	Propene	0.459	0.459	0.0	96	0.00
10 T	Heptane	1.186	1.201	-1.3	93	0.00
11 T	Trichlorofluoromethane	1.825	1.672	8.4	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.161	1.133	2.4	96	0.00
13	Ethanol	0.127	0.105	17.3	88	0.00
14 T	Bromoethene	0.469	0.455	3.0	93	0.00
15 T	Acetone	1.459	1.219	16.4	95	0.00
16 T	1,3-Butadiene	0.561	0.568	-1.2	94	0.00
17	tert-Butyl alcohol	1.169	1.158	0.9	92	0.00
18 T	1,1-Dichloroethene	0.506	0.494	2.4	94	0.00
19 T	Isopropyl Alcohol	0.945	0.902	4.6	92	0.00
20 T	Methylene Chloride	0.574	0.445	22.5	93	0.00
21 T	Allyl Chloride	0.839	0.846	-0.8	94	0.00
22 T	trans-1,2-Dichloroethene	0.514	0.512	0.4	94	0.00
23 T	Vinyl Acetate	1.685	1.713	-1.7	95	0.00
24 T	1,1-Dichloroethane	1.354	1.280	5.5	94	0.00
25 T	Ethyl Acetate	2.279	2.196	3.6	94	0.00
26 T	Hexane	0.960	0.919	4.3	92	0.00
27 T	Carbon Disulfide	1.214	1.264	-4.1	92	0.00
28 T	Methyl tert-Butyl Ether	1.604	1.661	-3.6	95	0.00
29 T	Chloroform	1.662	1.546	7.0	92	0.00
30 T	Cyclohexane	0.714	0.737	-3.2	92	0.00
31 T	cis-1,2-Dichloroethene	0.979	1.019	-4.1	95	0.00
32 T	1,1,1-Trichloroethane	1.725	1.582	8.3	91	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.715	0.699	2.2	94	0.00
35 T	Carbon Tetrachloride	0.907	0.836	7.8	92	0.00
36 T	Benzene	0.872	0.867	0.6	93	0.00
37 T	1,2-Dichloroethane	0.708	0.666	5.9	93	0.00
38 T	Trichloroethene	0.352	0.355	-0.9	92	0.00
39 T	1,2-Dichloropropane	0.358	0.358	0.0	93	0.00
40 T	1,4-Dioxane	0.145	0.141	2.8	95	0.00
41 T	Tetrahydrofuran	0.367	0.385	-4.9	92	0.00
42 T	Bromodichloromethane	0.871	0.833	4.4	91	0.00
43	Methyl Methacrylate	0.356	0.372	-4.5	91	0.00
44 T	2,2,4-Trimethylpentane	1.613	1.559	3.3	93	0.00
45 T	t-1,3-Dichloropropene	0.458	0.519	-13.3	91	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.571	-9.0	91	0.00
47 T	1,1,2-Trichloroethane	0.395	0.366	7.3	91	0.00
48 T	Dibromochloromethane	0.685	0.688	-0.4	89	0.00
49 T	Bromoform	0.620	0.590	4.8	84	0.00
50 T	4-Methyl-2-Pentanone	1.037	1.018	1.8	92	0.00
51 T	2-Hexanone	0.837	0.844	-0.8	91	0.00
52 T	Tetrachloroethene	0.340	0.328	3.5	91	0.00
53 T	Toluene	0.958	0.994	-3.8	91	0.00
54 T	1,2-Dibromoethane	0.575	0.553	3.8	90	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.483	0.427	11.6	88	0.00
57 T	Chlorobenzene	0.825	0.725	12.1	89	0.00
58 T	Ethyl Benzene	1.349	1.290	4.4	91	0.00
59 T	m/p-Xylene	1.179	1.064	9.8	89	0.00
60 T	o-Xylene	1.183	1.073	9.3	89	0.00
61 T	Styrene	0.809	0.777	4.0	88	0.00
62	Isopropylbenzene	1.548	1.392	10.1	89	0.00
63 T	1,1,2,2-Tetrachloroethane	0.949	0.743	21.7	88	0.00
64	n-propylbenzene	0.395	0.361	8.6	88	0.00
65	tert-Butylbenzene	1.398	1.277	8.7	91	0.00
66 T	Benzyl Chloride	0.613	0.604	1.5	83	0.00
67	sec-Butylbenzene	1.964	1.761	10.3	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.798	4.3	90	0.00
69	p-Isopropyltoluene	1.593	1.499	5.9	93	0.00
70	n-Butylbenzene	1.719	1.614	6.1	95	0.00
71	2-Chlorotoluene	1.202	1.091	9.2	89	0.00
72 T	4-Ethyltoluene	1.324	1.225	7.5	89	0.00
73 T	1,3,5-Trimethylbenzene	1.299	1.188	8.5	89	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.259	9.4	92	0.00
75 T	1,3-Dichlorobenzene	0.832	0.728	12.5	96	0.00
76 T	1,4-Dichlorobenzene	0.801	0.722	9.9	92	0.00
77 T	1,2-Dichlorobenzene	0.782	0.718	8.2	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.743	0.714	3.9	107	0.00
79 T	Naphthalene	1.047	1.292	-23.4	103	0.01
80 T	Naphthalene,2-methyl-	0.290	0.433	-49.3#	97	0.00
81 T	1,2,4-Trichlorobenzene	0.682	0.767	-12.5	102	0.00

(#) = Out of Range

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