

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034421.D
 Acq On : 2 Dec 2019 9:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 03 03:04:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 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	88	0.00
2 T	Dichlorodifluoromethane	1.809	2.094	-15.8	105	0.00
3	Chlorodifluoromethane	1.248	1.230	1.4	97	0.00
4	Chloromethane	0.736	0.746	-1.4	101	0.00
5 T	Vinyl Chloride	0.690	0.690	0.0	99	0.00
6 T	Bromomethane	0.347	0.364	-4.9	97	0.00
7	Chloroethane	0.250	0.257	-2.8	100	0.00
8 T	Dichlorotetrafluoroethane	1.625	1.595	1.8	98	0.00
9 T	Propene	0.554	0.535	3.4	95	0.00
10 T	Heptane	1.430	1.432	-0.1	96	0.00
11 T	Trichlorofluoromethane	1.800	1.801	-0.1	100	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.219	-1.9	102	0.00
13	Ethanol	0.154	0.116	24.7	88	0.00
14 T	Bromoethene	0.486	0.496	-2.1	96	0.00
15 T	Acetone	1.432	1.334	6.8	101	0.00
16 T	1,3-Butadiene	0.624	0.648	-3.8	98	0.00
17	tert-Butyl alcohol	1.204	1.008	16.3	77	0.00
18 T	1,1-Dichloroethene	0.523	0.547	-4.6	101	0.00
19 T	Isopropyl Alcohol	0.918	0.804	12.4	77	0.00
20 T	Methylene Chloride	0.508	0.470	7.5	98	0.00
21 T	Allyl Chloride	0.858	0.936	-9.1	101	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.561	-6.5	101	0.00
23 T	Vinyl Acetate	1.871	1.976	-5.6	99	0.00
24 T	1,1-Dichloroethane	1.437	1.451	-1.0	99	0.00
25 T	Ethyl Acetate	2.555	2.515	1.6	97	0.00
26 T	Hexane	1.098	1.068	2.7	96	0.00
27 T	Carbon Disulfide	1.196	1.431	-19.6	101	0.00
28 T	Methyl tert-Butyl Ether	1.821	1.867	-2.5	96	0.00
29 T	Chloroform	1.778	1.768	0.6	96	0.00
30 T	Cyclohexane	0.830	0.876	-5.5	96	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.172	-3.3	95	0.00
32 T	1,1,1-Trichloroethane	1.667	1.804	-8.2	98	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.823	0.832	-1.1	97	0.00
35 T	Carbon Tetrachloride	0.860	0.942	-9.5	100	0.00
36 T	Benzene	1.000	1.021	-2.1	95	0.00
37 T	1,2-Dichloroethane	0.743	0.759	-2.2	97	0.00
38 T	Trichloroethene	0.410	0.412	-0.5	96	0.00
39 T	1,2-Dichloropropane	0.385	0.428	-11.2	95	0.00
40 T	1,4-Dioxane	0.168	0.148	11.9	85	0.00
41 T	Tetrahydrofuran	0.462	0.476	-3.0	96	0.00
42 T	Bromodichloromethane	0.929	0.986	-6.1	97	0.00
43	Methyl Methacrylate	0.415	0.441	-6.3	97	0.00
44 T	2,2,4-Trimethylpentane	1.827	1.829	-0.1	97	0.00
45 T	t-1,3-Dichloropropene	0.532	0.621	-16.7	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.694	-16.2	97	0.00
47 T	1,1,2-Trichloroethane	0.428	0.440	-2.8	96	0.00
48 T	Dibromochloromethane	0.736	0.829	-12.6	98	0.00
49 T	Bromoform	0.657	0.747	-13.7	97	0.01
50 T	4-Methyl-2-Pentanone	1.191	1.225	-2.9	96	0.00
51 T	2-Hexanone	0.998	1.038	-4.0	97	0.00
52 T	Tetrachloroethene	0.433	0.394	9.0	95	0.00
53 T	Toluene	1.135	1.193	-5.1	95	0.00
54 T	1,2-Dibromoethane	0.657	0.670	-2.0	94	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.01
56	1,1,1,2-Tetrachloroethane	0.489	0.510	-4.3	98	0.00
57 T	Chlorobenzene	0.904	0.864	4.4	96	0.01
58 T	Ethyl Benzene	1.552	1.551	0.1	96	0.01
59 T	m/p-Xylene	1.341	1.293	3.6	94	0.00
60 T	o-Xylene	1.326	1.292	2.6	96	0.00
61 T	Styrene	0.956	0.969	-1.4	95	0.00
62	Isopropylbenzene	1.754	1.695	3.4	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	0.910	8.7	96	0.01
64	n-propylbenzene	0.456	0.447	2.0	96	0.00
65	tert-Butylbenzene	1.576	1.512	4.1	97	0.01
66 T	Benzyl Chloride	0.606	0.785	-29.5	103	0.00
67	sec-Butylbenzene	2.204	2.069	6.1	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.837	0.5	88	0.00
69	p-Isopropyltoluene	1.829	1.753	4.2	97	0.00
70	n-Butylbenzene	1.968	1.856	5.7	97	0.00
71	2-Chlorotoluene	1.399	1.346	3.8	96	0.01
72 T	4-Ethyltoluene	1.533	1.498	2.3	96	0.01
73 T	1,3,5-Trimethylbenzene	1.500	1.437	4.2	95	0.00
74 T	1,2,4-Trimethylbenzene	1.593	1.486	6.7	97	0.02
75 T	1,3-Dichlorobenzene	0.916	0.851	7.1	97	0.00
76 T	1,4-Dichlorobenzene	0.889	0.854	3.9	97	0.01
77 T	1,2-Dichlorobenzene	0.885	0.819	7.5	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.744	2.1	104	0.00
79 T	Naphthalene	1.381	1.297	6.1	95	0.01
80 T	Naphthalene,2-methyl-	0.624	0.735	-17.8	97	0.01
81 T	1,2,4-Trichlorobenzene	0.849	0.786	7.4	96	0.01

(#) = Out of Range

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