

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120219\
 Data File : VL034451.D
 Acq On : 3 Dec 2019 7:06
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Dec 03 07:59:23 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	70	0.00
2 T	Dichlorodifluoromethane	1.809	2.392	-32.2#	96	0.00
3	Chlorodifluoromethane	1.248	1.496	-19.9	94	0.00
4	Chloromethane	0.736	0.788	-7.1	85	0.00
5 T	Vinyl Chloride	0.690	0.754	-9.3	86	0.00
6 T	Bromomethane	0.347	0.436	-25.6	93	0.00
7	Chloroethane	0.250	0.282	-12.8	87	0.01
8 T	Dichlorotetrafluoroethane	1.625	1.832	-12.7	89	0.00
9 T	Propene	0.554	0.599	-8.1	85	0.00
10 T	Heptane	1.430	1.608	-12.4	86	0.00
11 T	Trichlorofluoromethane	1.800	2.065	-14.7	91	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.196	1.371	-14.6	91	0.00
13	Ethanol	0.154	0.136	11.7	82	0.00
14 T	Bromoethene	0.486	0.550	-13.2	84	0.00
15 T	Acetone	1.432	1.484	-3.6	90	0.00
16 T	1,3-Butadiene	0.624	0.715	-14.6	86	0.00
17	tert-Butyl alcohol	1.204	1.101	8.6	67	0.00
18 T	1,1-Dichloroethene	0.523	0.604	-15.5	89	0.00
19 T	Isopropyl Alcohol	0.918	0.898	2.2	68	0.01
20 T	Methylene Chloride	0.508	0.525	-3.3	87	0.00
21 T	Allyl Chloride	0.858	1.023	-19.2	88	0.00
22 T	trans-1,2-Dichloroethene	0.527	0.612	-16.1	88	0.00
23 T	Vinyl Acetate	1.871	2.268	-21.2	91	0.00
24 T	1,1-Dichloroethane	1.437	1.630	-13.4	88	0.00
25 T	Ethyl Acetate	2.555	2.772	-8.5	85	0.00
26 T	Hexane	1.098	1.197	-9.0	86	0.00
27 T	Carbon Disulfide	1.196	1.492	-24.7	84	0.00
28 T	Methyl tert-Butyl Ether	1.821	2.110	-15.9	86	0.00
29 T	Chloroform	1.778	1.982	-11.5	86	0.00
30 T	Cyclohexane	0.830	0.951	-14.6	83	0.00
31 T	cis-1,2-Dichloroethene	1.135	1.300	-14.5	84	0.00
32 T	1,1,1-Trichloroethane	1.667	2.051	-23.0	89	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
34 T	2-Butanone	0.823	0.916	-11.3	85	0.00
35 T	Carbon Tetrachloride	0.860	1.050	-22.1	88	0.00
36 T	Benzene	1.000	1.123	-12.3	83	0.00
37 T	1,2-Dichloroethane	0.743	0.864	-16.3	88	0.00
38 T	Trichloroethene	0.410	0.446	-8.8	83	0.00
39 T	1,2-Dichloropropane	0.385	0.475	-23.4	84	0.00
40 T	1,4-Dioxane	0.168	0.162	3.6	74	0.00
41 T	Tetrahydrofuran	0.462	0.516	-11.7	83	0.00
42 T	Bromodichloromethane	0.929	1.103	-18.7	86	0.00
43	Methyl Methacrylate	0.415	0.482	-16.1	84	0.00
44 T	2,2,4-Trimethylpentane	1.827	2.049	-12.2	86	0.00
45 T	t-1,3-Dichloropropene	0.532	0.639	-20.1	78	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.597	0.708	-18.6	79	0.00
47 T	1,1,2-Trichloroethane	0.428	0.482	-12.6	83	0.00
48 T	Dibromochloromethane	0.736	0.910	-23.6	86	0.00
49 T	Bromoform	0.657	0.808	-23.0	84	0.00
50 T	4-Methyl-2-Pentanone	1.191	1.383	-16.1	87	0.00
51 T	2-Hexanone	0.998	1.158	-16.0	86	0.00
52 T	Tetrachloroethene	0.433	0.425	1.8	81	0.00
53 T	Toluene	1.135	1.300	-14.5	82	0.00
54 T	1,2-Dibromoethane	0.657	0.768	-16.9	86	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
56	1,1,1,2-Tetrachloroethane	0.489	0.565	-15.5	89	0.00
57 T	Chlorobenzene	0.904	0.914	-1.1	83	0.00
58 T	Ethyl Benzene	1.552	1.659	-6.9	84	0.00
59 T	m/p-Xylene	1.341	1.399	-4.3	84	-0.02
60 T	o-Xylene	1.326	1.419	-7.0	87	0.00
61 T	Styrene	0.956	0.993	-3.9	80	0.00
62	Isopropylbenzene	1.754	1.865	-6.3	86	0.00
63 T	1,1,2,2-Tetrachloroethane	0.997	1.009	-1.2	88	0.00
64	n-propylbenzene	0.456	0.486	-6.6	86	0.00
65	tert-Butylbenzene	1.576	1.679	-6.5	88	0.00
66 T	Benzyl Chloride	0.606	0.772	-27.4	83	0.00
67	sec-Butylbenzene	2.204	2.354	-6.8	90	0.00
68 S	1-Bromo-4-Fluorobenzene	0.841	0.782	7.0	67	0.00
69	p-Isopropyltoluene	1.829	1.944	-6.3	88	0.00
70	n-Butylbenzene	1.968	2.083	-5.8	89	0.00
71	2-Chlorotoluene	1.399	1.464	-4.6	86	0.00
72 T	4-Ethyltoluene	1.533	1.617	-5.5	85	0.00
73 T	1,3,5-Trimethylbenzene	1.500	1.572	-4.8	86	0.01
74 T	1,2,4-Trimethylbenzene	1.593	1.615	-1.4	87	0.00
75 T	1,3-Dichlorobenzene	0.916	0.899	1.9	84	0.00
76 T	1,4-Dichlorobenzene	0.889	0.901	-1.3	84	0.00
77 T	1,2-Dichlorobenzene	0.885	0.898	-1.5	86	0.00
78 T	Hexachloro-1,3-Butadiene	0.760	0.773	-1.7	89	0.00
79 T	Naphthalene	1.381	1.364	1.2	82	0.00
80 T	Naphthalene,2-methyl-	0.624	0.353	43.4#	38	0.00
81 T	1,2,4-Trichlorobenzene	0.849	0.773	9.0	77	0.01

(#) = Out of Range

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