

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031620\
 Data File : VL034912.D
 Acq On : 17 Mar 2020 5:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 17 07:26:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 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	94	0.00
2 T	Dichlorodifluoromethane	1.369	1.916	-40.0#	171#	0.00
3	Chlorodifluoromethane	1.117	1.202	-7.6	111	0.00
4	Chloromethane	0.631	0.712	-12.8	114	0.00
5 T	Vinyl Chloride	0.607	0.677	-11.5	112	0.00
6 T	Bromomethane	0.353	0.408	-15.6	117	0.00
7	Chloroethane	0.219	0.249	-13.7	116	0.00
8 T	Dichlorotetrafluoroethane	1.422	1.519	-6.8	112	0.00
9 T	Propene	0.533	0.557	-4.5	108	0.00
10 T	Heptane	1.313	1.484	-13.0	112	0.00
11 T	Trichlorofluoromethane	1.457	1.560	-7.1	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.020	1.105	-8.3	113	0.00
13	Ethanol	0.162	0.150	7.4	115	0.00
14 T	Bromoethene	0.440	0.480	-9.1	109	0.00
15 T	Acetone	1.296	1.432	-10.5	130	0.00
16 T	1,3-Butadiene	0.586	0.638	-8.9	111	0.00
17	tert-Butyl alcohol	1.249	1.022	18.2	88	0.00
18 T	1,1-Dichloroethene	0.452	0.503	-11.3	113	0.00
19 T	Isopropyl Alcohol	0.818	0.756	7.6	99	0.00
20 T	Methylene Chloride	0.410	0.443	-8.0	115	0.00
21 T	Allyl Chloride	0.832	0.896	-7.7	110	0.00
22 T	trans-1,2-Dichloroethene	0.458	0.507	-10.7	113	0.00
23 T	Vinyl Acetate	1.915	2.078	-8.5	109	0.00
24 T	1,1-Dichloroethane	1.283	1.351	-5.3	107	0.00
25 T	Ethyl Acetate	2.309	2.414	-4.5	108	0.00
26 T	Hexane	0.994	1.082	-8.9	110	0.00
27 T	Carbon Disulfide	1.128	1.288	-14.2	108	0.00
28 T	Methyl tert-Butyl Ether	1.654	1.610	2.7	97	0.00
29 T	Chloroform	1.517	1.652	-8.9	113	0.00
30 T	Cyclohexane	0.830	0.897	-8.1	107	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.081	-6.3	107	0.00
32 T	1,1,1-Trichloroethane	1.478	1.584	-7.2	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.665	0.768	-15.5	111	0.00
35 T	Carbon Tetrachloride	0.622	0.755	-21.4	105	0.00
36 T	Benzene	0.891	1.011	-13.5	107	0.00
37 T	1,2-Dichloroethane	0.503	0.600	-19.3	111	0.00
38 T	Trichloroethene	0.339	0.379	-11.8	105	0.00
39 T	1,2-Dichloropropane	0.353	0.393	-11.3	106	0.00
40 T	1,4-Dioxane	0.133	0.142	-6.8	107	0.00
41 T	Tetrahydrofuran	0.360	0.417	-15.8	104	0.00
42 T	Bromodichloromethane	0.685	0.810	-18.2	107	0.00
43	Methyl Methacrylate	0.376	0.458	-21.8	110	0.00
44 T	2,2,4-Trimethylpentane	1.506	1.762	-17.0	110	0.00
45 T	t-1,3-Dichloropropene	0.441	0.522	-18.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.609	-16.2	102	0.00
47 T	1,1,2-Trichloroethane	0.362	0.413	-14.1	106	0.00
48 T	Dibromochloromethane	0.587	0.653	-11.2	97	0.00
49 T	Bromoform	0.523	0.569	-8.8	91	0.00
50 T	4-Methyl-2-Pentanone	0.957	1.141	-19.2	110	0.00
51 T	2-Hexanone	0.777	0.911	-17.2	105	0.00
52 T	Tetrachloroethene	0.353	0.345	2.3	96	0.00
53 T	Toluene	1.029	1.166	-13.3	105	0.00
54 T	1,2-Dibromoethane	0.546	0.612	-12.1	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.473	-5.3	98	0.00
57 T	Chlorobenzene	0.782	0.814	-4.1	103	0.00
58 T	Ethyl Benzene	1.354	1.470	-8.6	104	0.00
59 T	m/p-Xylene	1.135	1.215	-7.0	105	0.00
60 T	o-Xylene	1.108	1.186	-7.0	105	0.00
61 T	Styrene	0.777	0.859	-10.6	100	0.00
62	Isopropylbenzene	1.675	1.740	-3.9	102	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.832	-10.6	106	0.00
64	n-propylbenzene	0.436	0.456	-4.6	99	0.00
65	tert-Butylbenzene	1.464	1.506	-2.9	100	0.00
66 T	Benzyl Chloride	0.611	0.627	-2.6	86	0.00
67	sec-Butylbenzene	2.030	2.166	-6.7	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.780	0.795	-1.9	90	0.00
69	p-Isopropyltoluene	1.702	1.785	-4.9	99	0.00
70	n-Butylbenzene	1.737	1.916	-10.3	104	0.00
71	2-Chlorotoluene	1.268	1.330	-4.9	101	0.00
72 T	4-Ethyltoluene	1.308	1.409	-7.7	101	0.00
73 T	1,3,5-Trimethylbenzene	1.225	1.329	-8.5	102	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.382	-9.5	104	0.00
75 T	1,3-Dichlorobenzene	0.761	0.791	-3.9	101	0.00
76 T	1,4-Dichlorobenzene	0.759	0.783	-3.2	99	0.00
77 T	1,2-Dichlorobenzene	0.737	0.778	-5.6	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.665	-8.0	103	0.00
79 T	Naphthalene	0.984	1.342	-36.4#	100	0.00
80 T	Naphthalene,2-methyl-	0.257	0.479	-86.4#	80	0.00
81 T	1,2,4-Trichlorobenzene	0.625	0.760	-21.6	98	0.00

(#) = Out of Range

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