

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031720\
 Data File : VL034925.D
 Acq On : 17 Mar 2020 21:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 18 08:48:15 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	110	0.00
2 T	Dichlorodifluoromethane	1.369	1.615	-18.0	169#	0.00
3	Chlorodifluoromethane	1.117	1.021	8.6	110	0.00
4	Chloromethane	0.631	0.615	2.5	115	0.00
5 T	Vinyl Chloride	0.607	0.563	7.2	109	0.00
6 T	Bromomethane	0.353	0.338	4.2	113	0.00
7	Chloroethane	0.219	0.208	5.0	113	0.00
8 T	Dichlorotetrafluoroethane	1.422	1.282	9.8	111	0.00
9 T	Propene	0.533	0.462	13.3	105	0.00
10 T	Heptane	1.313	1.245	5.2	109	0.00
11 T	Trichlorofluoromethane	1.457	1.339	8.1	113	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.020	0.943	7.5	113	0.00
13	Ethanol	0.162	0.124	23.5	111	0.00
14 T	Bromoethene	0.440	0.407	7.5	108	0.00
15 T	Acetone	1.296	1.229	5.2	130	0.00
16 T	1,3-Butadiene	0.586	0.543	7.3	110	0.00
17	tert-Butyl alcohol	1.249	0.881	29.5	89	0.00
18 T	1,1-Dichloroethene	0.452	0.435	3.8	114	0.00
19 T	Isopropyl Alcohol	0.818	0.649	20.7	100	0.00
20 T	Methylene Chloride	0.410	0.375	8.5	113	0.00
21 T	Allyl Chloride	0.832	0.760	8.7	108	0.00
22 T	trans-1,2-Dichloroethene	0.458	0.431	5.9	112	0.00
23 T	Vinyl Acetate	1.915	1.752	8.5	107	0.00
24 T	1,1-Dichloroethane	1.283	1.165	9.2	108	0.00
25 T	Ethyl Acetate	2.309	2.067	10.5	108	0.00
26 T	Hexane	0.994	0.907	8.8	108	0.00
27 T	Carbon Disulfide	1.128	1.101	2.4	108	0.00
28 T	Methyl tert-Butyl Ether	1.654	1.352	18.3	95	0.00
29 T	Chloroform	1.517	1.401	7.6	112	0.00
30 T	Cyclohexane	0.830	0.756	8.9	105	0.00
31 T	cis-1,2-Dichloroethene	1.017	0.919	9.6	106	0.00
32 T	1,1,1-Trichloroethane	1.478	1.330	10.0	104	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
34 T	2-Butanone	0.665	0.641	3.6	109	0.00
35 T	Carbon Tetrachloride	0.622	0.640	-2.9	105	0.00
36 T	Benzene	0.891	0.856	3.9	106	0.00
37 T	1,2-Dichloroethane	0.503	0.513	-2.0	112	0.00
38 T	Trichloroethene	0.339	0.315	7.1	103	0.00
39 T	1,2-Dichloropropane	0.353	0.331	6.2	105	0.00
40 T	1,4-Dioxane	0.133	0.118	11.3	105	0.00
41 T	Tetrahydrofuran	0.360	0.357	0.8	105	0.00
42 T	Bromodichloromethane	0.685	0.690	-0.7	107	0.00
43	Methyl Methacrylate	0.376	0.389	-3.5	109	0.00
44 T	2,2,4-Trimethylpentane	1.506	1.485	1.4	109	0.00
45 T	t-1,3-Dichloropropene	0.441	0.439	0.5	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.524	0.517	1.3	102	0.00
47 T	1,1,2-Trichloroethane	0.362	0.347	4.1	105	0.00
48 T	Dibromochloromethane	0.587	0.562	4.3	98	0.00
49 T	Bromoform	0.523	0.475	9.2	90	0.00
50 T	4-Methyl-2-Pentanone	0.957	0.962	-0.5	109	0.00
51 T	2-Hexanone	0.777	0.770	0.9	105	0.00
52 T	Tetrachloroethene	0.353	0.293	17.0	96	0.00
53 T	Toluene	1.029	0.982	4.6	104	0.00
54 T	1,2-Dibromoethane	0.546	0.516	5.5	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.395	12.0	97	0.00
57 T	Chlorobenzene	0.782	0.677	13.4	101	0.00
58 T	Ethyl Benzene	1.354	1.224	9.6	102	0.00
59 T	m/p-Xylene	1.135	1.012	10.8	103	0.00
60 T	o-Xylene	1.108	0.994	10.3	104	0.00
61 T	Styrene	0.777	0.712	8.4	98	0.00
62	Isopropylbenzene	1.675	1.462	12.7	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.752	0.691	8.1	104	0.00
64	n-propylbenzene	0.436	0.379	13.1	98	0.00
65	tert-Butylbenzene	1.464	1.243	15.1	98	0.00
66 T	Benzyl Chloride	0.611	0.525	14.1	86	0.00
67	sec-Butylbenzene	2.030	1.807	11.0	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.780	0.793	-1.7	107	0.00
69	p-Isopropyltoluene	1.702	1.500	11.9	98	0.00
70	n-Butylbenzene	1.737	1.606	7.5	103	0.00
71	2-Chlorotoluene	1.268	1.118	11.8	101	0.00
72 T	4-Ethyltoluene	1.308	1.178	9.9	101	0.00
73 T	1,3,5-Trimethylbenzene	1.225	1.105	9.8	101	0.00
74 T	1,2,4-Trimethylbenzene	1.262	1.153	8.6	103	0.00
75 T	1,3-Dichlorobenzene	0.761	0.659	13.4	100	0.00
76 T	1,4-Dichlorobenzene	0.759	0.660	13.0	99	0.00
77 T	1,2-Dichlorobenzene	0.737	0.656	11.0	100	0.00
78 T	Hexachloro-1,3-Butadiene	0.616	0.575	6.7	105	0.00
79 T	Naphthalene	0.984	1.134	-15.2	100	0.00
80 T	Naphthalene,2-methyl-	0.257	0.422	-64.2#	84	0.00
81 T	1,2,4-Trichlorobenzene	0.625	0.645	-3.2	98	0.00

(#) = Out of Range

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