

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091219\
 Data File : VL034160.D
 Acq On : 12 Sep 2019 15:49
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 13 01:53:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 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	108	0.00
2 T	Dichlorodifluoromethane	1.649	1.569	4.9	111	0.00
3	Chlorodifluoromethane	1.115	1.072	3.9	115	0.00
4	Chloromethane	0.697	0.668	4.2	111	0.00
5 T	Vinyl Chloride	0.635	0.596	6.1	113	0.00
6 T	Bromomethane	0.313	0.301	3.8	109	0.00
7	Chloroethane	0.216	0.220	-1.9	117	0.00
8 T	Dichlorotetrafluoroethane	1.328	1.195	10.0	108	0.00
9 T	Propene	0.624	0.569	8.8	106	0.00
10 T	Heptane	1.619	1.486	8.2	109	0.00
11 T	Trichlorofluoromethane	1.345	1.255	6.7	111	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.900	0.844	6.2	109	0.00
13	Ethanol	0.122	0.083	32.0#	91	0.00
14 T	Bromoethene	0.390	0.371	4.9	109	0.00
15 T	Acetone	1.205	1.091	9.5	113	0.00
16 T	1,3-Butadiene	0.610	0.580	4.9	110	0.00
17	tert-Butyl alcohol	0.875	0.681	22.2	89	0.00
18 T	1,1-Dichloroethene	0.411	0.395	3.9	108	0.00
19 T	Isopropyl Alcohol	0.813	0.623	23.4	94	0.00
20 T	Methylene Chloride	0.398	0.355	10.8	110	0.00
21 T	Allyl Chloride	0.795	0.768	3.4	109	0.00
22 T	trans-1,2-Dichloroethene	0.412	0.392	4.9	109	0.00
23 T	Vinyl Acetate	2.045	1.914	6.4	107	0.00
24 T	1,1-Dichloroethane	1.357	1.254	7.6	110	0.00
25 T	Ethyl Acetate	2.646	2.298	13.2	108	0.00
26 T	Hexane	1.176	0.994	15.5	109	0.00
27 T	Carbon Disulfide	1.062	1.062	0.0	108	0.00
28 T	Methyl tert-Butyl Ether	1.723	1.590	7.7	107	0.00
29 T	Chloroform	1.586	1.453	8.4	109	0.00
30 T	Cyclohexane	0.850	0.794	6.6	107	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.076	4.4	110	0.00
32 T	1,1,1-Trichloroethane	1.499	1.355	9.6	106	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
34 T	2-Butanone	0.961	0.909	5.4	110	0.00
35 T	Carbon Tetrachloride	0.780	0.729	6.5	108	0.00
36 T	Benzene	1.143	1.040	9.0	104	0.00
37 T	1,2-Dichloroethane	0.701	0.686	2.1	113	0.00
38 T	Trichloroethene	0.427	0.342	19.9	105	0.00
39 T	1,2-Dichloropropane	0.489	0.461	5.7	109	0.00
40 T	1,4-Dioxane	0.180	0.131	27.2	98	0.00
41 T	Tetrahydrofuran	0.576	0.557	3.3	108	0.00
42 T	Bromodichloromethane	0.914	0.880	3.7	107	0.00
43	Methyl Methacrylate	0.471	0.466	1.1	108	0.00
44 T	2,2,4-Trimethylpentane	2.107	1.845	12.4	108	0.00
45 T	t-1,3-Dichloropropene	0.553	0.590	-6.7	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.673	0.669	0.6	105	0.00
47 T	1,1,2-Trichloroethane	0.446	0.416	6.7	106	0.00
48 T	Dibromochloromethane	0.665	0.668	-0.5	108	0.00
49 T	Bromoform	0.583	0.569	2.4	105	0.00
50 T	4-Methyl-2-Pentanone	1.467	1.327	9.5	110	0.00
51 T	2-Hexanone	1.267	1.152	9.1	108	0.00
52 T	Tetrachloroethene	0.403	0.332	17.6	106	0.00
53 T	Toluene	1.264	1.147	9.3	104	0.00
54 T	1,2-Dibromoethane	0.664	0.617	7.1	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.429	0.388	9.6	108	0.00
57 T	Chlorobenzene	0.860	0.722	16.0	106	0.00
58 T	Ethyl Benzene	1.640	1.394	15.0	106	0.00
59 T	m/p-Xylene	1.338	1.120	16.3	106	0.00
60 T	o-Xylene	1.332	1.120	15.9	107	0.00
61 T	Styrene	0.997	0.870	12.7	105	0.00
62	Isopropylbenzene	1.734	1.432	17.4	106	0.00
63 T	1,1,2,2-Tetrachloroethane	1.086	0.811	25.3	109	0.00
64	n-propylbenzene	0.434	0.376	13.4	105	0.00
65	tert-Butylbenzene	1.496	1.206	19.4	106	-0.01
66 T	Benzyl Chloride	0.552	0.573	-3.8	92	0.00
67	sec-Butylbenzene	2.151	1.731	19.5	107	0.00
68 S	1-Bromo-4-Fluorobenzene	0.818	0.784	4.2	104	0.00
69	p-Isopropyltoluene	1.721	1.414	17.8	107	0.00
70	n-Butylbenzene	1.959	1.590	18.8	109	-0.01
71	2-Chlorotoluene	1.416	1.184	16.4	105	0.00
72 T	4-Ethyltoluene	1.503	1.286	14.4	107	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.222	16.4	107	0.00
74 T	1,2,4-Trimethylbenzene	1.504	1.201	20.1	107	0.00
75 T	1,3-Dichlorobenzene	0.797	0.649	18.6	106	0.00
76 T	1,4-Dichlorobenzene	0.835	0.691	17.2	107	-0.01
77 T	1,2-Dichlorobenzene	0.816	0.662	18.9	106	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.451	19.0	109	0.00
79 T	Naphthalene	1.360	1.162	14.6	105	-0.01
80 T	Naphthalene,2-methyl-	0.472	0.670	-41.9#	102	0.00
81 T	1,2,4-Trichlorobenzene	0.740	0.609	17.7	105	0.00

(#) = Out of Range

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