

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101719\
 Data File : VL034316.D
 Acq On : 17 Oct 2019 13:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 18 04:55:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 17 05:12:37 2019
 QLast Update : Thu Oct 17 05:12:37 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	90	0.00
2 T	Dichlorodifluoromethane	1.724	1.255	27.2	94	0.00
3	Chlorodifluoromethane	1.172	1.161	0.9	93	0.00
4	Chloromethane	0.693	0.707	-2.0	96	0.00
5 T	Vinyl Chloride	0.661	0.649	1.8	96	0.00
6 T	Bromomethane	0.324	0.347	-7.1	99	0.00
7	Chloroethane	0.233	0.241	-3.4	93	0.00
8 T	Dichlorotetrafluoroethane	1.494	1.459	2.3	97	0.00
9 T	Propene	0.520	0.533	-2.5	92	0.00
10 T	Heptane	1.334	1.442	-8.1	95	0.01
11 T	Trichlorofluoromethane	1.637	1.632	0.3	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.095	-2.1	97	0.00
13	Ethanol	0.116	0.120	-3.4	98	0.00
14 T	Bromoethene	0.422	0.452	-7.1	94	0.00
15 T	Acetone	1.430	1.229	14.1	95	0.00
16 T	1,3-Butadiene	0.581	0.609	-4.8	95	0.00
17	tert-Butyl alcohol	0.913	1.116	-22.2	95	0.00
18 T	1,1-Dichloroethene	0.470	0.488	-3.8	95	0.00
19 T	Isopropyl Alcohol	0.798	0.951	-19.2	94	0.00
20 T	Methylene Chloride	0.517	0.439	15.1	97	0.00
21 T	Allyl Chloride	0.791	0.851	-7.6	94	0.00
22 T	trans-1,2-Dichloroethene	0.468	0.504	-7.7	96	0.00
23 T	Vinyl Acetate	1.786	1.973	-10.5	96	0.00
24 T	1,1-Dichloroethane	1.326	1.344	-1.4	94	0.00
25 T	Ethyl Acetate	2.415	2.425	-0.4	95	0.01
26 T	Hexane	1.029	1.030	-0.1	95	0.00
27 T	Carbon Disulfide	1.069	1.258	-17.7	96	0.00
28 T	Methyl tert-Butyl Ether	1.558	1.694	-8.7	96	0.00
29 T	Chloroform	1.628	1.643	-0.9	95	0.00
30 T	Cyclohexane	0.757	0.828	-9.4	96	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.124	-7.6	94	0.00
32 T	1,1,1-Trichloroethane	1.583	1.642	-3.7	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.817	0.819	-0.2	94	0.00
35 T	Carbon Tetrachloride	0.871	0.863	0.9	96	0.01
36 T	Benzene	0.959	0.980	-2.2	96	0.01
37 T	1,2-Dichloroethane	0.715	0.714	0.1	95	0.00
38 T	Trichloroethene	0.385	0.386	-0.3	97	0.01
39 T	1,2-Dichloropropane	0.413	0.418	-1.2	95	0.01
40 T	1,4-Dioxane	0.145	0.153	-5.5	92	0.01
41 T	Tetrahydrofuran	0.454	0.473	-4.2	92	0.00
42 T	Bromodichloromethane	0.876	0.904	-3.2	95	0.00
43	Methyl Methacrylate	0.397	0.429	-8.1	95	0.01
44 T	2,2,4-Trimethylpentane	1.776	1.768	0.5	95	0.00
45 T	t-1,3-Dichloropropene	0.483	0.576	-19.3	94	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.555	0.644	-16.0	94	0.01
47 T	1,1,2-Trichloroethane	0.418	0.423	-1.2	96	0.01
48 T	Dibromochloromethane	0.686	0.749	-9.2	95	0.00
49 T	Bromoform	0.608	0.687	-13.0	95	0.01
50 T	4-Methyl-2-Pentanone	1.170	1.220	-4.3	94	0.00
51 T	2-Hexanone	0.959	1.019	-6.3	93	0.01
52 T	Tetrachloroethene	0.376	0.369	1.9	94	0.01
53 T	Toluene	1.059	1.132	-6.9	95	0.00
54 T	1,2-Dibromoethane	0.620	0.632	-1.9	95	0.01
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.02
56	1,1,1,2-Tetrachloroethane	0.461	0.452	2.0	97	0.01
57 T	Chlorobenzene	0.834	0.782	6.2	95	0.00
58 T	Ethyl Benzene	1.398	1.425	-1.9	96	0.00
59 T	m/p-Xylene	1.211	1.169	3.5	94	0.00
60 T	o-Xylene	1.206	1.195	0.9	97	0.02
61 T	Styrene	0.849	0.892	-5.1	96	0.01
62	Isopropylbenzene	1.592	1.538	3.4	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.969	0.844	12.9	97	0.00
64	n-propylbenzene	0.409	0.409	0.0	97	0.02
65	tert-Butylbenzene	1.411	1.375	2.6	95	0.02
66 T	Benzyl Chloride	0.557	0.690	-23.9	95	0.01
67	sec-Butylbenzene	1.986	1.918	3.4	97	0.01
68 S	1-Bromo-4-Fluorobenzene	0.847	0.809	4.5	93	0.01
69	p-Isopropyltoluene	1.619	1.604	0.9	96	0.00
70	n-Butylbenzene	1.761	1.729	1.8	96	0.02
71	2-Chlorotoluene	1.234	1.223	0.9	94	0.00
72 T	4-Ethyltoluene	1.356	1.376	-1.5	96	0.00
73 T	1,3,5-Trimethylbenzene	1.343	1.332	0.8	96	0.02
74 T	1,2,4-Trimethylbenzene	1.401	1.363	2.7	96	0.01
75 T	1,3-Dichlorobenzene	0.841	0.798	5.1	97	0.00
76 T	1,4-Dichlorobenzene	0.822	0.800	2.7	96	0.01
77 T	1,2-Dichlorobenzene	0.825	0.779	5.6	97	0.01
78 T	Hexachloro-1,3-Butadiene	0.682	0.667	2.2	109	0.02
79 T	Naphthalene	1.023	1.178	-15.2	99	0.00
80 T	Naphthalene,2-methyl-	0.296	0.647	-118.6#	163#	0.00
81 T	1,2,4-Trichlorobenzene	0.668	0.713	-6.7	98	0.02

(#) = Out of Range

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