

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101619\
 Data File : VL034314.D
 Acq On : 17 Oct 2019 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 17 14:52:35 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	94	0.00
2 T	Dichlorodifluoromethane	1.724	1.166	32.4#	90	0.00
3	Chlorodifluoromethane	1.172	1.115	4.9	93	0.00
4	Chloromethane	0.693	0.661	4.6	92	0.00
5 T	Vinyl Chloride	0.661	0.619	6.4	95	0.00
6 T	Bromomethane	0.324	0.326	-0.6	96	0.00
7	Chloroethane	0.233	0.228	2.1	91	0.00
8 T	Dichlorotetrafluoroethane	1.494	1.396	6.6	96	0.00
9 T	Propene	0.520	0.495	4.8	88	0.00
10 T	Heptane	1.334	1.382	-3.6	94	0.01
11 T	Trichlorofluoromethane	1.637	1.576	3.7	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.072	1.057	1.4	97	0.00
13	Ethanol	0.116	0.119	-2.6	101	0.00
14 T	Bromoethene	0.422	0.431	-2.1	92	0.00
15 T	Acetone	1.430	1.199	16.2	96	0.00
16 T	1,3-Butadiene	0.581	0.578	0.5	93	0.00
17	tert-Butyl alcohol	0.913	1.069	-17.1	94	0.00
18 T	1,1-Dichloroethene	0.470	0.471	-0.2	95	0.00
19 T	Isopropyl Alcohol	0.798	0.921	-15.4	94	0.00
20 T	Methylene Chloride	0.517	0.421	18.6	96	0.00
21 T	Allyl Chloride	0.791	0.826	-4.4	94	0.00
22 T	trans-1,2-Dichloroethene	0.468	0.485	-3.6	95	0.00
23 T	Vinyl Acetate	1.786	1.826	-2.2	92	0.00
24 T	1,1-Dichloroethane	1.326	1.284	3.2	93	0.00
25 T	Ethyl Acetate	2.415	2.330	3.5	95	0.00
26 T	Hexane	1.029	1.016	1.3	97	0.00
27 T	Carbon Disulfide	1.069	1.232	-15.2	97	0.00
28 T	Methyl tert-Butyl Ether	1.558	1.558	0.0	92	0.00
29 T	Chloroform	1.628	1.583	2.8	95	0.00
30 T	Cyclohexane	0.757	0.774	-2.2	93	0.00
31 T	cis-1,2-Dichloroethene	1.045	1.068	-2.2	93	0.00
32 T	1,1,1-Trichloroethane	1.583	1.556	1.7	94	0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
34 T	2-Butanone	0.817	0.799	2.2	93	0.00
35 T	Carbon Tetrachloride	0.871	0.856	1.7	96	0.00
36 T	Benzene	0.959	0.948	1.1	93	0.00
37 T	1,2-Dichloroethane	0.715	0.697	2.5	93	0.00
38 T	Trichloroethene	0.385	0.376	2.3	94	0.00
39 T	1,2-Dichloropropane	0.413	0.403	2.4	92	0.01
40 T	1,4-Dioxane	0.145	0.154	-6.2	92	0.01
41 T	Tetrahydrofuran	0.454	0.454	0.0	89	0.00
42 T	Bromodichloromethane	0.876	0.896	-2.3	95	0.00
43	Methyl Methacrylate	0.397	0.421	-6.0	94	0.00
44 T	2,2,4-Trimethylpentane	1.776	1.725	2.9	93	0.00
45 T	t-1,3-Dichloropropene	0.483	0.564	-16.8	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.555	0.631	-13.7	93	0.00
47 T	1,1,2-Trichloroethane	0.418	0.403	3.6	92	0.00
48 T	Dibromochloromethane	0.686	0.741	-8.0	94	0.00
49 T	Bromoform	0.608	0.666	-9.5	93	0.01
50 T	4-Methyl-2-Pentanone	1.170	1.197	-2.3	93	0.00
51 T	2-Hexanone	0.959	1.010	-5.3	93	0.00
52 T	Tetrachloroethene	0.376	0.362	3.7	93	0.01
53 T	Toluene	1.059	1.091	-3.0	93	0.00
54 T	1,2-Dibromoethane	0.620	0.625	-0.8	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.01
56	1,1,1,2-Tetrachloroethane	0.461	0.435	5.6	96	0.01
57 T	Chlorobenzene	0.834	0.753	9.7	94	0.00
58 T	Ethyl Benzene	1.398	1.350	3.4	94	0.01
59 T	m/p-Xylene	1.211	1.118	7.7	93	0.00
60 T	o-Xylene	1.206	1.133	6.1	95	0.02
61 T	Styrene	0.849	0.848	0.1	94	0.00
62	Isopropylbenzene	1.592	1.465	8.0	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.969	0.784	19.1	92	0.01
64	n-propylbenzene	0.409	0.388	5.1	94	0.02
65	tert-Butylbenzene	1.411	1.283	9.1	91	0.01
66 T	Benzyl Chloride	0.557	0.610	-9.5	86	0.01
67	sec-Butylbenzene	1.986	1.790	9.9	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.847	0.808	4.6	95	0.00
69	p-Isopropyltoluene	1.619	1.486	8.2	92	0.00
70	n-Butylbenzene	1.761	1.587	9.9	91	0.01
71	2-Chlorotoluene	1.234	1.163	5.8	92	0.01
72 T	4-Ethyltoluene	1.356	1.273	6.1	91	0.01
73 T	1,3,5-Trimethylbenzene	1.343	1.246	7.2	93	0.01
74 T	1,2,4-Trimethylbenzene	1.401	1.272	9.2	92	0.00
75 T	1,3-Dichlorobenzene	0.841	0.726	13.7	90	0.01
76 T	1,4-Dichlorobenzene	0.822	0.728	11.4	90	0.00
77 T	1,2-Dichlorobenzene	0.825	0.693	16.0	88	0.02
78 T	Hexachloro-1,3-Butadiene	0.682	0.656	3.8	110	0.02
79 T	Naphthalene	1.023	1.232	-20.4	106	0.01
80 T	Naphthalene,2-methyl-	0.296	0.656	-121.6#	170#	0.01
81 T	1,2,4-Trichlorobenzene	0.668	0.714	-6.9	101	0.01

(#) = Out of Range

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