

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL050219\
 Data File : VL033623.D
 Acq On : 2 May 2019 10:26
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 03 03:43:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 02 06:29:02 2019
 QLast Update : Thu May 02 06:29:02 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	102	0.00
2 T	Dichlorodifluoromethane	1.507	1.545	-2.5	121	0.02
3	Chlorodifluoromethane	1.196	1.118	6.5	106	0.02
4	Chloromethane	0.651	0.625	4.0	109	0.00
5 T	Vinyl Chloride	0.683	0.618	9.5	108	0.00
6 T	Bromomethane	0.402	0.403	-0.2	113	0.00
7	Chloroethane	0.228	0.234	-2.6	111	0.00
8 T	Dichlorotetrafluoroethane	1.640	1.551	5.4	109	0.00
9 T	Propene	0.342	0.506	-48.0#	493#	0.02
10 T	Heptane	1.266	1.280	-1.1	102	0.00
11 T	Trichlorofluoromethane	1.791	1.798	-0.4	114	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.229	1.190	3.2	112	0.00
13	Ethanol	0.155	0.121	21.9	107	0.01
14 T	Bromoethene	0.504	0.508	-0.8	109	0.00
15 T	Acetone	1.217	1.142	6.2	116	0.00
16 T	1,3-Butadiene	0.548	0.547	0.2	107	0.00
17	tert-Butyl alcohol	1.051	1.174	-11.7	118	0.00
18 T	1,1-Dichloroethene	0.534	0.544	-1.9	115	0.00
19 T	Isopropyl Alcohol	0.836	0.937	-12.1	121	0.01
20 T	Methylene Chloride	0.474	0.451	4.9	116	0.00
21 T	Allyl Chloride	0.766	0.810	-5.7	112	0.00
22 T	trans-1,2-Dichloroethene	0.523	0.582	-11.3	123	0.00
23 T	Vinyl Acetate	1.810	1.917	-5.9	107	0.00
24 T	1,1-Dichloroethane	1.348	1.313	2.6	108	0.00
25 T	Ethyl Acetate	2.311	2.198	4.9	103	0.00
26 T	Hexane	0.973	0.970	0.3	106	0.00
27 T	Carbon Disulfide	1.178	1.340	-13.8	112	0.00
28 T	Methyl tert-Butyl Ether	1.641	1.761	-7.3	110	0.00
29 T	Chloroform	1.783	1.648	7.6	104	0.00
30 T	Cyclohexane	0.824	0.856	-3.9	105	0.00
31 T	cis-1,2-Dichloroethene	0.982	1.012	-3.1	106	0.00
32 T	1,1,1-Trichloroethane	1.866	1.682	9.9	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
34 T	2-Butanone	0.614	0.597	2.8	106	0.00
35 T	Carbon Tetrachloride	0.792	0.718	9.3	101	0.00
36 T	Benzene	0.852	0.861	-1.1	109	0.00
37 T	1,2-Dichloroethane	0.566	0.503	11.1	103	0.00
38 T	Trichloroethene	0.340	0.332	2.4	105	0.00
39 T	1,2-Dichloropropane	0.321	0.316	1.6	105	0.00
40 T	1,4-Dioxane	0.131	0.140	-6.9	110	0.00
41 T	Tetrahydrofuran	0.328	0.338	-3.0	108	0.00
42 T	Bromodichloromethane	0.766	0.732	4.4	103	0.00
43	Methyl Methacrylate	0.323	0.332	-2.8	103	0.00
44 T	2,2,4-Trimethylpentane	1.485	1.375	7.4	102	0.00
45 T	t-1,3-Dichloropropene	0.429	0.464	-8.2	93	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.483	0.521	-7.9	101	0.02
47 T	1,1,2-Trichloroethane	0.419	0.348	16.9	67	0.00
48 T	Dibromochloromethane	0.709	0.629	11.3	65	0.00
49 T	Bromoform	0.543	0.556	-2.4	103	0.00
50 T	4-Methyl-2-Pentanone	0.962	0.883	8.2	97	0.00
51 T	2-Hexanone	0.845	0.742	12.2	64	0.00
52 T	Tetrachloroethene	0.328	0.328	0.0	103	0.00
53 T	Toluene	1.075	0.987	8.2	68	0.00
54 T	1,2-Dibromoethane	0.576	0.556	3.5	97	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
56	1,1,1,2-Tetrachloroethane	0.431	0.422	2.1	66	0.00
57 T	Chlorobenzene	0.767	0.755	1.6	69	0.00
58 T	Ethyl Benzene	1.151	1.350	-17.3	103	0.00
59 T	m/p-Xylene	0.991	1.121	-13.1	104	0.00
60 T	o-Xylene	1.001	1.104	-10.3	100	0.00
61 T	Styrene	0.684	0.851	-24.4	100	0.00
62	Isopropylbenzene	1.337	1.494	-11.7	100	0.00
63 T	1,1,2,2-Tetrachloroethane	0.781	0.740	5.2	96	0.00
64	n-propylbenzene	0.347	0.380	-9.5	97	0.00
65	tert-Butylbenzene	1.251	1.309	-4.6	95	0.00
66 T	Benzyl Chloride	0.567	0.718	-26.6	96	0.00
67	sec-Butylbenzene	1.756	1.837	-4.6	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.761	0.821	-7.9	98	0.00
69	p-Isopropyltoluene	1.461	1.539	-5.3	92	0.00
70	n-Butylbenzene	1.590	1.591	-0.1	92	0.00
71	2-Chlorotoluene	1.000	1.093	-9.3	96	0.00
72 T	4-Ethyltoluene	1.140	1.278	-12.1	97	0.00
73 T	1,3,5-Trimethylbenzene	1.121	1.207	-7.7	96	0.00
74 T	1,2,4-Trimethylbenzene	1.250	1.258	-0.6	95	0.00
75 T	1,3-Dichlorobenzene	0.778	0.743	4.5	94	0.00
76 T	1,4-Dichlorobenzene	0.742	0.747	-0.7	93	0.00
77 T	1,2-Dichlorobenzene	0.724	0.718	0.8	94	0.00
78 T	Hexachloro-1,3-Butadiene	0.554	0.640	-15.5	132	0.00
79 T	Naphthalene	1.153	1.482	-28.5	110	0.00
80 T	Naphthalene,2-methyl-	0.500	0.743	-48.6#	111	0.00
81 T	1,2,4-Trichlorobenzene	0.669	0.756	-13.0	105	0.00

(#) = Out of Range

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