

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031819\
 Data File : VL033388.D
 Acq On : 19 Mar 2019 12:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 20 01:56:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 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	93	0.00
2 T	Dichlorodifluoromethane	1.759	2.069	-17.6	113	0.00
3	Chlorodifluoromethane	1.148	1.219	-6.2	104	0.00
4	Chloromethane	0.622	0.660	-6.1	106	0.00
5 T	Vinyl Chloride	0.641	0.654	-2.0	107	0.00
6 T	Bromomethane	0.381	0.420	-10.2	105	0.00
7	Chloroethane	0.224	0.245	-9.4	109	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.624	-8.5	107	0.00
9 T	Propene	0.512	0.534	-4.3	106	0.00
10 T	Heptane	1.271	1.385	-9.0	103	0.00
11 T	Trichlorofluoromethane	1.751	1.814	-3.6	101	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.229	-5.8	104	0.00
13	Ethanol	0.244	0.128	47.5#	113	0.00
14 T	Bromoethene	0.484	0.528	-9.1	107	0.00
15 T	Acetone	1.554	1.187	23.6	101	0.00
16 T	1,3-Butadiene	0.505	0.540	-6.9	105	0.00
17	tert-Butyl alcohol	0.219	0.213	2.7	103	0.00
18 T	1,1-Dichloroethene	0.531	0.547	-3.0	103	0.00
19 T	Isopropyl Alcohol	0.739	0.760	-2.8	109	0.00
20 T	Methylene Chloride	0.507	0.462	8.9	103	0.00
21 T	Allyl Chloride	0.754	0.838	-11.1	102	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.559	-8.5	104	0.00
23 T	Vinyl Acetate	1.799	1.914	-6.4	101	0.00
24 T	1,1-Dichloroethane	1.299	1.347	-3.7	102	0.00
25 T	Ethyl Acetate	2.260	2.345	-3.8	103	0.00
26 T	Hexane	1.010	1.042	-3.2	103	0.00
27 T	Carbon Disulfide	1.163	1.319	-13.4	100	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.578	-5.2	99	0.00
29 T	Chloroform	1.654	1.745	-5.5	103	0.00
30 T	Cyclohexane	0.810	0.883	-9.0	103	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.084	-7.3	101	0.00
32 T	1,1,1-Trichloroethane	1.624	1.675	-3.1	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
34 T	2-Butanone	0.657	0.661	-0.6	103	0.00
35 T	Carbon Tetrachloride	0.705	0.771	-9.4	102	0.00
36 T	Benzene	0.895	0.939	-4.9	103	0.00
37 T	1,2-Dichloroethane	0.566	0.572	-1.1	101	0.00
38 T	Trichloroethene	0.339	0.358	-5.6	104	0.00
39 T	1,2-Dichloropropane	0.335	0.353	-5.4	102	0.00
40 T	1,4-Dioxane	0.118	0.130	-10.2	110	0.00
41 T	Tetrahydrofuran	0.350	0.375	-7.1	100	0.00
42 T	Bromodichloromethane	0.759	0.820	-8.0	101	0.00
43	Methyl Methacrylate	0.348	0.384	-10.3	102	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.564	-5.5	103	0.00
45 T	t-1,3-Dichloropropene	0.430	0.509	-18.4	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.582	-14.8	100	0.00
47 T	1,1,2-Trichloroethane	0.370	0.390	-5.4	100	0.00
48 T	Dibromochloromethane	0.621	0.685	-10.3	91	0.00
49 T	Bromoform	0.589	0.696	-18.2	103	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.977	-5.3	102	0.00
51 T	2-Hexanone	0.716	0.762	-6.4	99	0.00
52 T	Tetrachloroethene	0.373	0.400	-7.2	105	0.00
53 T	Toluene	1.017	1.104	-8.6	101	0.00
54 T	1,2-Dibromoethane	0.626	0.624	0.3	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.464	-3.8	104	0.00
57 T	Chlorobenzene	0.792	0.791	0.1	105	0.00
58 T	Ethyl Benzene	1.415	1.471	-4.0	103	0.00
59 T	m/p-Xylene	1.216	1.231	-1.2	103	0.00
60 T	o-Xylene	1.186	1.209	-1.9	104	0.00
61 T	Styrene	0.830	0.902	-8.7	103	0.00
62	Isopropylbenzene	1.649	1.689	-2.4	103	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.832	2.9	104	0.00
64	n-propylbenzene	0.417	0.435	-4.3	104	0.00
65	tert-Butylbenzene	1.484	1.499	-1.0	102	0.00
66 T	Benzyl Chloride	0.613	0.780	-27.2	97	0.00
67	sec-Butylbenzene	2.104	2.145	-1.9	102	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.699	5.7	92	0.00
69	p-Isopropyltoluene	1.719	1.778	-3.4	102	0.00
70	n-Butylbenzene	1.833	1.879	-2.5	103	0.00
71	2-Chlorotoluene	1.284	1.311	-2.1	103	0.00
72 T	4-Ethyltoluene	1.347	1.417	-5.2	103	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.352	-3.0	102	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.386	0.3	102	0.00
75 T	1,3-Dichlorobenzene	0.819	0.807	1.5	103	0.00
76 T	1,4-Dichlorobenzene	0.793	0.805	-1.5	102	0.00
77 T	1,2-Dichlorobenzene	0.776	0.785	-1.2	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.437	6.0	105	0.00
79 T	Naphthalene	1.339	1.353	-1.0	102	0.00
80 T	Naphthalene,2-methyl-	0.635	0.627	1.3	93	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.683	0.0	103	0.00

(#) = Out of Range

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