

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031519\
 Data File : VL033357.D
 Acq On : 16 Mar 2019 8:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 18 08:00:20 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	87	0.00
2 T	Dichlorodifluoromethane	1.759	1.217	30.8#	62	0.00
3	Chlorodifluoromethane	1.148	1.139	0.8	91	0.00
4	Chloromethane	0.622	0.590	5.1	89	0.00
5 T	Vinyl Chloride	0.641	0.587	8.4	90	0.00
6 T	Bromomethane	0.381	0.377	1.0	89	0.00
7	Chloroethane	0.224	0.227	-1.3	95	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.475	1.5	91	0.00
9 T	Propene	0.512	0.478	6.6	89	0.00
10 T	Heptane	1.271	1.309	-3.0	91	0.00
11 T	Trichlorofluoromethane	1.751	1.769	-1.0	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.128	2.9	89	0.00
13	Ethanol	0.244	0.120	50.8#	99	0.00
14 T	Bromoethene	0.484	0.473	2.3	90	0.00
15 T	Acetone	1.554	1.150	26.0	92	0.00
16 T	1,3-Butadiene	0.505	0.510	-1.0	92	0.00
17	tert-Butyl alcohol	0.219	0.214	2.3	97	0.00
18 T	1,1-Dichloroethene	0.531	0.501	5.6	88	0.00
19 T	Isopropyl Alcohol	0.739	0.756	-2.3	102	0.00
20 T	Methylene Chloride	0.507	0.424	16.4	89	0.00
21 T	Allyl Chloride	0.754	0.768	-1.9	88	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.516	-0.2	90	0.00
23 T	Vinyl Acetate	1.799	1.762	2.1	87	0.00
24 T	1,1-Dichloroethane	1.299	1.224	5.8	87	0.00
25 T	Ethyl Acetate	2.260	2.190	3.1	90	0.00
26 T	Hexane	1.010	0.964	4.6	90	0.00
27 T	Carbon Disulfide	1.163	1.238	-6.4	88	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.377	8.2	81	0.00
29 T	Chloroform	1.654	1.632	1.3	90	0.00
30 T	Cyclohexane	0.810	0.801	1.1	88	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.032	-2.2	90	0.00
32 T	1,1,1-Trichloroethane	1.624	1.619	0.3	87	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
34 T	2-Butanone	0.657	0.624	5.0	86	0.00
35 T	Carbon Tetrachloride	0.705	0.783	-11.1	92	0.00
36 T	Benzene	0.895	0.890	0.6	86	0.00
37 T	1,2-Dichloroethane	0.566	0.574	-1.4	90	0.00
38 T	Trichloroethene	0.339	0.352	-3.8	91	0.00
39 T	1,2-Dichloropropane	0.335	0.339	-1.2	87	0.00
40 T	1,4-Dioxane	0.118	0.121	-2.5	91	0.00
41 T	Tetrahydrofuran	0.350	0.363	-3.7	86	0.00
42 T	Bromodichloromethane	0.759	0.818	-7.8	89	0.00
43	Methyl Methacrylate	0.348	0.371	-6.6	87	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.534	-3.5	89	0.00
45 T	t-1,3-Dichloropropene	0.430	0.507	-17.9	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.581	-14.6	88	0.00
47 T	1,1,2-Trichloroethane	0.370	0.382	-3.2	87	0.00
48 T	Dibromochloromethane	0.621	0.796	-28.2	94	0.00
49 T	Bromoform	0.589	0.721	-22.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.978	-5.4	91	0.00
51 T	2-Hexanone	0.716	0.873	-21.9	101	0.00
52 T	Tetrachloroethene	0.373	0.391	-4.8	91	0.00
53 T	Toluene	1.017	1.212	-19.2	98	0.00
54 T	1,2-Dibromoethane	0.626	0.703	-12.3	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.459	-2.7	95	0.00
57 T	Chlorobenzene	0.792	0.770	2.8	93	0.00
58 T	Ethyl Benzene	1.415	1.437	-1.6	92	0.00
59 T	m/p-Xylene	1.216	1.232	-1.3	95	0.02
60 T	o-Xylene	1.186	1.217	-2.6	96	0.00
61 T	Styrene	0.830	0.892	-7.5	94	0.00
62	Isopropylbenzene	1.649	1.689	-2.4	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.845	1.4	97	0.00
64	n-propylbenzene	0.417	0.432	-3.6	95	0.00
65	tert-Butylbenzene	1.484	1.508	-1.6	94	0.00
66 T	Benzyl Chloride	0.613	0.799	-30.3#	91	0.00
67	sec-Butylbenzene	2.104	2.157	-2.5	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.739	0.3	90	0.00
69	p-Isopropyltoluene	1.719	1.799	-4.7	95	0.00
70	n-Butylbenzene	1.833	1.902	-3.8	96	0.00
71	2-Chlorotoluene	1.284	1.307	-1.8	94	0.00
72 T	4-Ethyltoluene	1.347	1.419	-5.3	95	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.370	-4.4	95	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.402	-0.9	95	0.00
75 T	1,3-Dichlorobenzene	0.819	0.808	1.3	95	0.00
76 T	1,4-Dichlorobenzene	0.793	0.805	-1.5	94	0.00
77 T	1,2-Dichlorobenzene	0.776	0.798	-2.8	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.418	10.1	92	0.00
79 T	Naphthalene	1.339	1.372	-2.5	95	0.00
80 T	Naphthalene,2-methyl-	0.635	0.703	-10.7	96	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.682	0.1	94	0.00

(#) = Out of Range

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