

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070219\
 Data File : VL034006.D
 Acq On : 3 Jul 2019 9:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 03 10:23:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 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	89	0.00
2 T	Dichlorodifluoromethane	2.064	1.588	23.1	81	0.00
3	Chlorodifluoromethane	1.235	1.226	0.7	96	0.00
4	Chloromethane	0.710	0.694	2.3	96	0.00
5 T	Vinyl Chloride	0.798	0.758	5.0	96	0.00
6 T	Bromomethane	0.471	0.485	-3.0	96	0.00
7	Chloroethane	0.285	0.296	-3.9	97	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.999	0.6	97	0.00
9 T	Propene	0.454	0.446	1.8	93	0.00
10 T	Heptane	1.137	1.243	-9.3	90	0.00
11 T	Trichlorofluoromethane	2.321	2.162	6.9	96	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.591	3.1	100	0.00
13	Ethanol	0.141	0.136	3.5	103	0.00
14 T	Bromoethene	0.613	0.680	-10.9	100	0.00
15 T	Acetone	1.681	1.422	15.4	94	0.00
16 T	1,3-Butadiene	0.594	0.648	-9.1	98	0.00
17	tert-Butyl alcohol	1.340	1.449	-8.1	102	0.00
18 T	1,1-Dichloroethene	0.732	0.721	1.5	97	0.00
19 T	Isopropyl Alcohol	1.129	1.132	-0.3	100	0.00
20 T	Methylene Chloride	0.733	0.641	12.6	99	0.00
21 T	Allyl Chloride	1.048	1.061	-1.2	98	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.742	-6.5	98	0.00
23 T	Vinyl Acetate	1.678	1.812	-8.0	90	0.00
24 T	1,1-Dichloroethane	1.487	1.490	-0.2	93	0.00
25 T	Ethyl Acetate	2.300	2.402	-4.4	93	0.00
26 T	Hexane	1.052	1.076	-2.3	92	0.00
27 T	Carbon Disulfide	1.789	1.921	-7.4	99	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.926	-8.1	92	0.00
29 T	Chloroform	1.978	1.964	0.7	96	0.00
30 T	Cyclohexane	0.813	0.905	-11.3	93	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.137	-11.8	93	0.00
32 T	1,1,1-Trichloroethane	2.004	1.918	4.3	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.529	0.561	-6.0	93	0.00
35 T	Carbon Tetrachloride	0.792	0.792	0.0	93	0.00
36 T	Benzene	0.782	0.845	-8.1	90	0.00
37 T	1,2-Dichloroethane	0.576	0.583	-1.2	92	0.00
38 T	Trichloroethene	0.348	0.383	-10.1	93	0.00
39 T	1,2-Dichloropropane	0.291	0.309	-6.2	91	0.00
40 T	1,4-Dioxane	0.134	0.134	0.0	91	0.00
41 T	Tetrahydrofuran	0.260	0.301	-15.8	93	0.00
42 T	Bromodichloromethane	0.773	0.810	-4.8	93	0.00
43	Methyl Methacrylate	0.297	0.347	-16.8	92	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.429	-5.8	91	0.00
45 T	t-1,3-Dichloropropene	0.388	0.514	-32.5#	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.563	-25.1	95	0.00
47 T	1,1,2-Trichloroethane	0.366	0.393	-7.4	96	0.00
48 T	Dibromochloromethane	0.698	0.726	-4.0	95	0.00
49 T	Bromoform	0.596	0.727	-22.0	104	0.00
50 T	4-Methyl-2-Pentanone	0.785	0.883	-12.5	95	0.00
51 T	2-Hexanone	0.633	0.723	-14.2	94	0.00
52 T	Tetrachloroethene	0.337	0.394	-16.9	100	0.00
53 T	Toluene	0.896	1.115	-24.4	97	0.00
54 T	1,2-Dibromoethane	0.540	0.610	-13.0	96	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.427	4.5	103	0.00
57 T	Chlorobenzene	0.796	0.752	5.5	103	0.00
58 T	Ethyl Benzene	1.203	1.319	-9.6	103	0.00
59 T	m/p-Xylene	1.089	1.099	-0.9	102	0.00
60 T	o-Xylene	1.089	1.101	-1.1	103	0.00
61 T	Styrene	0.721	0.817	-13.3	102	0.00
62	Isopropylbenzene	1.675	1.460	12.8	76	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.755	10.4	101	0.00
64	n-propylbenzene	0.434	0.370	14.7	74	0.00
65	tert-Butylbenzene	1.424	1.331	6.5	77	0.00
66 T	Benzyl Chloride	0.729	0.741	-1.6	75	0.00
67	sec-Butylbenzene	1.999	1.885	5.7	79	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.737	13.6	77	0.00
69	p-Isopropyltoluene	1.648	1.565	5.0	79	0.00
70	n-Butylbenzene	1.731	1.573	9.1	76	0.00
71	2-Chlorotoluene	1.225	1.099	10.3	75	0.00
72 T	4-Ethyltoluene	1.399	1.274	8.9	77	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.229	5.6	76	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.298	10.0	77	0.00
75 T	1,3-Dichlorobenzene	0.916	0.782	14.6	77	0.00
76 T	1,4-Dichlorobenzene	0.862	0.775	10.1	79	0.00
77 T	1,2-Dichlorobenzene	0.848	0.736	13.2	77	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.682	5.5	96	0.00
79 T	Naphthalene	1.212	1.197	1.2	79	0.00
80 T	Naphthalene,2-methyl-	0.441	0.637	-44.4#	123	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.713	8.4	79	0.00

(#) = Out of Range

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