

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080118\
 Data File : VL032328.D
 Acq On : 1 Aug 2018 16:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 02 00:55:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 27 07:05:37 2018
 QLast Update : Fri Jul 27 07:05:37 2018
 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	97	0.00
2 T	Dichlorodifluoromethane	1.206	0.935	22.5	99	0.00
3	Chlorodifluoromethane	1.000	0.969	3.1	94	0.00
4	Chloromethane	0.605	0.584	3.5	91	0.00
5 T	Vinyl Chloride	0.550	0.540	1.8	91	0.00
6 T	Bromomethane	0.302	0.293	3.0	93	0.00
7	Chloroethane	0.196	0.197	-0.5	96	0.00
8 T	Dichlorotetrafluoroethane	1.218	1.104	9.4	92	0.00
9 T	Propene	0.450	0.475	-5.6	95	0.00
10 T	Heptane	1.578	1.613	-2.2	90	0.00
11 T	Trichlorofluoromethane	1.152	1.090	5.4	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.787	0.741	5.8	95	0.00
13	Ethanol	0.129	0.121	6.2	97	0.00
14 T	Bromoethene	0.345	0.350	-1.4	95	0.00
15 T	Acetone	0.942	0.970	-3.0	106	0.00
16 T	1,3-Butadiene	0.489	0.460	5.9	91	0.00
17	tert-Butyl alcohol	0.300	0.295	1.7	88	0.00
18 T	1,1-Dichloroethene	0.365	0.357	2.2	93	0.00
19 T	Isopropyl Alcohol	0.629	0.696	-10.7	96	0.00
20 T	Methylene Chloride	0.379	0.333	12.1	92	0.00
21 T	Allyl Chloride	0.643	0.664	-3.3	94	0.00
22 T	trans-1,2-Dichloroethene	0.352	0.375	-6.5	96	0.00
23 T	Vinyl Acetate	1.691	1.807	-6.9	97	0.00
24 T	1,1-Dichloroethane	1.213	1.154	4.9	92	0.00
25 T	Ethyl Acetate	2.115	2.013	4.8	93	0.00
26 T	Hexane	0.957	0.915	4.4	93	0.00
27 T	Carbon Disulfide	0.870	0.917	-5.4	93	0.00
28 T	Methyl tert-Butyl Ether	1.294	1.377	-6.4	94	0.00
29 T	Chloroform	1.392	1.307	6.1	92	0.00
30 T	Cyclohexane	0.747	0.931	-24.6	111	0.00
31 T	cis-1,2-Dichloroethene	0.887	0.936	-5.5	93	0.00
32 T	1,1,1-Trichloroethane	1.232	1.301	-5.6	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
34 T	2-Butanone	0.647	0.549	15.1	93	0.00
35 T	Carbon Tetrachloride	0.568	0.597	-5.1	111	0.00
36 T	Benzene	0.881	0.750	14.9	91	0.00
37 T	1,2-Dichloroethane	0.509	0.424	16.7	94	0.00
38 T	Trichloroethene	0.341	0.290	15.0	89	0.00
39 T	1,2-Dichloropropane	0.443	0.369	16.7	93	0.00
40 T	1,4-Dioxane	0.130	0.112	13.8	90	-0.01
41 T	Tetrahydrofuran	0.366	0.329	10.1	93	0.00
42 T	Bromodichloromethane	0.825	0.685	17.0	91	0.00
43	Methyl Methacrylate	0.423	0.381	9.9	92	0.00
44 T	2,2,4-Trimethylpentane	1.911	1.561	18.3	91	0.00
45 T	t-1,3-Dichloropropene	0.490	0.469	4.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.601	0.556	7.5	91	0.00
47 T	1,1,2-Trichloroethane	0.431	0.342	20.6	90	0.00
48 T	Dibromochloromethane	0.635	0.533	16.1	91	0.00
49 T	Bromoform	0.523	0.433	17.2	89	0.00
50 T	4-Methyl-2-Pentanone	1.142	0.975	14.6	92	0.00
51 T	2-Hexanone	0.870	0.791	9.1	92	0.00
52 T	Tetrachloroethene	0.297	0.256	13.8	89	0.00
53 T	Toluene	1.054	0.976	7.4	93	0.00
54 T	1,2-Dibromoethane	0.613	0.518	15.5	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.376	8.7	90	0.00
57 T	Chlorobenzene	0.778	0.684	12.1	89	0.00
58 T	Ethyl Benzene	1.254	1.292	-3.0	91	0.00
59 T	m/p-Xylene	1.067	1.025	3.9	90	0.00
60 T	o-Xylene	1.046	1.003	4.1	91	0.00
61 T	Styrene	0.770	0.800	-3.9	88	0.00
62	Isopropylbenzene	1.487	1.423	4.3	90	0.00
63 T	1,1,2,2-Tetrachloroethane	0.852	0.743	12.8	90	0.00
64	n-propylbenzene	0.387	0.367	5.2	89	0.00
65	tert-Butylbenzene	1.256	1.169	6.9	91	0.00
66 T	Benzyl Chloride	0.749	0.757	-1.1	83	0.00
67	sec-Butylbenzene	1.881	1.754	6.8	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.776	0.787	-1.4	99	0.00
69	p-Isopropyltoluene	1.457	1.386	4.9	90	0.00
70	n-Butylbenzene	1.683	1.546	8.1	89	0.00
71	2-Chlorotoluene	1.167	1.143	2.1	91	0.00
72 T	4-Ethyltoluene	1.173	1.177	-0.3	89	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.119	3.0	90	0.00
74 T	1,2,4-Trimethylbenzene	1.217	1.093	10.2	90	0.00
75 T	1,3-Dichlorobenzene	0.705	0.603	14.5	88	0.00
76 T	1,4-Dichlorobenzene	0.676	0.614	9.2	88	0.00
77 T	1,2-Dichlorobenzene	0.693	0.603	13.0	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.244	0.360	-47.5#	164#	0.00
79 T	Naphthalene	1.056	1.056	0.0	89	0.00
80 T	Naphthalene,2-methyl-	0.418	0.445	-6.5	76	0.00
81 T	1,2,4-Trichlorobenzene	0.528	0.494	6.4	87	0.00

(#) = Out of Range

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