

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072718\
 Data File : VL032326.D
 Acq On : 27 Jul 2018 19:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 28 00:57:08 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	85	0.00
2 T	Dichlorodifluoromethane	1.206	0.769	36.2#	72	0.00
3	Chlorodifluoromethane	1.000	0.980	2.0	84	0.00
4	Chloromethane	0.605	0.589	2.6	81	0.00
5 T	Vinyl Chloride	0.550	0.548	0.4	81	0.00
6 T	Bromomethane	0.302	0.306	-1.3	85	0.00
7	Chloroethane	0.196	0.193	1.5	82	0.00
8 T	Dichlorotetrafluoroethane	1.218	1.124	7.7	82	0.00
9 T	Propene	0.450	0.502	-11.6	88	0.00
10 T	Heptane	1.578	1.662	-5.3	82	0.00
11 T	Trichlorofluoromethane	1.152	1.096	4.9	82	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.787	0.769	2.3	87	0.00
13	Ethanol	0.129	0.115	10.9	81	0.00
14 T	Bromoethene	0.345	0.353	-2.3	84	0.00
15 T	Acetone	0.942	0.880	6.6	85	0.00
16 T	1,3-Butadiene	0.489	0.520	-6.3	90	0.00
17	tert-Butyl alcohol	0.300	0.343	-14.3	90	0.00
18 T	1,1-Dichloroethene	0.365	0.376	-3.0	86	0.00
19 T	Isopropyl Alcohol	0.629	0.685	-8.9	83	0.00
20 T	Methylene Chloride	0.379	0.323	14.8	78	0.00
21 T	Allyl Chloride	0.643	0.686	-6.7	85	0.00
22 T	trans-1,2-Dichloroethene	0.352	0.382	-8.5	86	0.00
23 T	Vinyl Acetate	1.691	1.840	-8.8	86	0.00
24 T	1,1-Dichloroethane	1.213	1.173	3.3	82	0.00
25 T	Ethyl Acetate	2.115	2.083	1.5	84	0.00
26 T	Hexane	0.957	0.932	2.6	83	0.00
27 T	Carbon Disulfide	0.870	0.957	-10.0	85	0.00
28 T	Methyl tert-Butyl Ether	1.294	1.463	-13.1	88	0.00
29 T	Chloroform	1.392	1.345	3.4	83	0.00
30 T	Cyclohexane	0.747	0.838	-12.2	88	0.00
31 T	cis-1,2-Dichloroethene	0.887	0.962	-8.5	84	0.00
32 T	1,1,1-Trichloroethane	1.232	1.334	-8.3	84	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.647	0.640	1.1	85	0.00
35 T	Carbon Tetrachloride	0.568	0.567	0.2	83	0.00
36 T	Benzene	0.881	0.881	0.0	84	0.00
37 T	1,2-Dichloroethane	0.509	0.463	9.0	81	0.00
38 T	Trichloroethene	0.341	0.341	0.0	82	0.00
39 T	1,2-Dichloropropane	0.443	0.399	9.9	79	0.00
40 T	1,4-Dioxane	0.130	0.125	3.8	79	0.00
41 T	Tetrahydrofuran	0.366	0.379	-3.6	84	0.00
42 T	Bromodichloromethane	0.825	0.777	5.8	81	0.00
43	Methyl Methacrylate	0.423	0.442	-4.5	83	0.00
44 T	2,2,4-Trimethylpentane	1.911	1.787	6.5	82	0.00
45 T	t-1,3-Dichloropropene	0.490	0.545	-11.2	83	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.601	0.645	-7.3	83	0.00
47 T	1,1,2-Trichloroethane	0.431	0.390	9.5	81	0.00
48 T	Dibromochloromethane	0.635	0.613	3.5	82	0.00
49 T	Bromoform	0.523	0.490	6.3	79	0.00
50 T	4-Methyl-2-Pentanone	1.142	1.126	1.4	83	0.00
51 T	2-Hexanone	0.870	0.919	-5.6	84	0.00
52 T	Tetrachloroethene	0.297	0.305	-2.7	83	0.00
53 T	Toluene	1.054	1.151	-9.2	86	0.00
54 T	1,2-Dibromoethane	0.613	0.595	2.9	83	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.412	0.365	11.4	81	0.00
57 T	Chlorobenzene	0.778	0.679	12.7	82	0.00
58 T	Ethyl Benzene	1.254	1.278	-1.9	84	0.00
59 T	m/p-Xylene	1.067	1.024	4.0	83	0.00
60 T	o-Xylene	1.046	0.985	5.8	83	0.00
61 T	Styrene	0.770	0.810	-5.2	83	0.00
62	Isopropylbenzene	1.487	1.410	5.2	83	0.00
63 T	1,1,2,2-Tetrachloroethane	0.852	0.707	17.0	79	0.00
64	n-propylbenzene	0.387	0.364	5.9	82	0.00
65	tert-Butylbenzene	1.256	1.146	8.8	83	0.00
66 T	Benzyl Chloride	0.749	0.767	-2.4	78	0.00
67	sec-Butylbenzene	1.881	1.723	8.4	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.776	0.749	3.5	87	0.00
69	p-Isopropyltoluene	1.457	1.369	6.0	83	0.00
70	n-Butylbenzene	1.683	1.521	9.6	81	0.00
71	2-Chlorotoluene	1.167	1.118	4.2	83	0.00
72 T	4-Ethyltoluene	1.173	1.173	0.0	83	0.00
73 T	1,3,5-Trimethylbenzene	1.154	1.105	4.2	83	0.00
74 T	1,2,4-Trimethylbenzene	1.217	1.088	10.6	83	0.00
75 T	1,3-Dichlorobenzene	0.705	0.591	16.2	80	0.00
76 T	1,4-Dichlorobenzene	0.676	0.607	10.2	81	0.00
77 T	1,2-Dichlorobenzene	0.693	0.585	15.6	79	0.00
78 T	Hexachloro-1,3-Butadiene	0.244	0.371	-52.0#	157#	0.00
79 T	Naphthalene	1.056	1.072	-1.5	84	0.00
80 T	Naphthalene,2-methyl-	0.418	0.513	-22.7	81	0.00
81 T	1,2,4-Trichlorobenzene	0.528	0.511	3.2	83	0.00

(#) = Out of Range

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