

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092418\
 Data File : VL032547.D
 Acq On : 25 Sep 2018 16:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 26 09:23:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Sep 25 05:17:15 2018
 QLast Update : Tue Sep 25 05:17:15 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	90	-0.02
2 T	Dichlorodifluoromethane	0.925	0.742	19.8	81	-0.02
3	Chlorodifluoromethane	0.832	0.852	-2.4	101	-0.01
4	Chloromethane	0.485	0.492	-1.4	99	-0.01
5 T	Vinyl Chloride	0.490	0.470	4.1	98	-0.02
6 T	Bromomethane	0.268	0.266	0.7	90	-0.02
7	Chloroethane	0.175	0.172	1.7	96	-0.02
8 T	Dichlorotetrafluoroethane	1.011	1.002	0.9	99	-0.02
9 T	Propene	0.361	0.454	-25.8	113	-0.02
10 T	Heptane	1.323	1.423	-7.6	91	-0.02
11 T	Trichlorofluoromethane	1.100	0.996	9.5	93	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.860	4.3	96	-0.02
13	Ethanol	0.108	0.094	13.0	91	-0.02
14 T	Bromoethene	0.319	0.310	2.8	90	-0.02
15 T	Acetone	0.878	0.850	3.2	101	-0.02
16 T	1,3-Butadiene	0.356	0.393	-10.4	101	-0.02
17	tert-Butyl alcohol	0.110	0.133	-20.9	128	-0.03
18 T	1,1-Dichloroethene	0.421	0.416	1.2	94	-0.02
19 T	Isopropyl Alcohol	0.611	0.593	2.9	92	-0.02
20 T	Methylene Chloride	0.425	0.370	12.9	95	-0.02
21 T	Allyl Chloride	0.717	0.737	-2.8	95	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.405	-2.0	97	-0.02
23 T	Vinyl Acetate	1.551	1.757	-13.3	95	-0.02
24 T	1,1-Dichloroethane	1.292	1.276	1.2	95	-0.02
25 T	Ethyl Acetate	2.130	2.099	1.5	92	-0.02
26 T	Hexane	0.962	0.974	-1.2	94	-0.02
27 T	Carbon Disulfide	1.034	1.060	-2.5	94	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.374	-14.7	98	-0.02
29 T	Chloroform	1.476	1.469	0.5	98	-0.02
30 T	Cyclohexane	0.783	0.873	-11.5	93	-0.02
31 T	cis-1,2-Dichloroethene	0.916	0.992	-8.3	93	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.413	10.2	88	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.02
34 T	2-Butanone	0.595	0.633	-6.4	95	-0.02
35 T	Carbon Tetrachloride	0.695	0.642	7.6	92	-0.02
36 T	Benzene	0.808	0.875	-8.3	96	-0.02
37 T	1,2-Dichloroethane	0.487	0.483	0.8	94	-0.02
38 T	Trichloroethene	0.309	0.318	-2.9	94	-0.02
39 T	1,2-Dichloropropane	0.364	0.372	-2.2	92	-0.02
40 T	1,4-Dioxane	0.112	0.109	2.7	88	-0.02
41 T	Tetrahydrofuran	0.324	0.391	-20.7	99	-0.02
42 T	Bromodichloromethane	0.730	0.717	1.8	91	-0.02
43	Methyl Methacrylate	0.338	0.382	-13.0	93	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.602	-1.5	92	-0.02
45 T	t-1,3-Dichloropropene	0.420	0.507	-20.7	88	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.541	-9.7	86	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.394	2.5	91	-0.02
48 T	Dibromochloromethane	0.636	0.646	-1.6	91	-0.02
49 T	Bromoform	0.486	0.482	0.8	89	-0.02
50 T	4-Methyl-2-Pentanone	0.936	0.931	0.5	86	-0.02
51 T	2-Hexanone	0.774	0.865	-11.8	90	-0.02
52 T	Tetrachloroethene	0.281	0.275	2.1	90	-0.02
53 T	Toluene	0.985	1.112	-12.9	92	-0.02
54 T	1,2-Dibromoethane	0.575	0.595	-3.5	91	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.02
56	1,1,1,2-Tetrachloroethane	0.450	0.416	7.6	91	-0.02
57 T	Chlorobenzene	0.806	0.739	8.3	91	-0.02
58 T	Ethyl Benzene	1.213	1.340	-10.5	92	-0.02
59 T	m/p-Xylene	1.079	1.086	-0.6	90	-0.02
60 T	o-Xylene	1.051	1.072	-2.0	92	-0.02
61 T	Styrene	0.687	0.788	-14.7	89	-0.02
62	Isopropylbenzene	1.486	1.507	-1.4	91	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.933	0.796	14.7	90	-0.02
64	n-propylbenzene	0.382	0.384	-0.5	89	-0.02
65	tert-Butylbenzene	1.274	1.252	1.7	91	-0.02
66 T	Benzyl Chloride	0.734	0.747	-1.8	84	-0.02
67	sec-Butylbenzene	1.894	1.860	1.8	91	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.753	0.1	91	-0.02
69	p-Isopropyltoluene	1.463	1.462	0.1	89	-0.02
70	n-Butylbenzene	1.598	1.599	-0.1	89	-0.02
71	2-Chlorotoluene	1.132	1.173	-3.6	90	-0.02
72 T	4-Ethyltoluene	1.141	1.224	-7.3	90	-0.02
73 T	1,3,5-Trimethylbenzene	1.108	1.166	-5.2	90	-0.02
74 T	1,2,4-Trimethylbenzene	1.193	1.165	2.3	91	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.635	13.7	88	-0.02
76 T	1,4-Dichlorobenzene	0.674	0.640	5.0	87	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.625	9.8	87	-0.02
78 T	Hexachloro-1,3-Butadiene	0.260	0.361	-38.8#	150	-0.02
79 T	Naphthalene	0.861	0.965	-12.1	80	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.315	-55.9#	69	-0.01
81 T	1,2,4-Trichlorobenzene	0.441	0.461	-4.5	81	-0.03

(#) = Out of Range

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