

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL101118\
 Data File : VL032625.D
 Acq On : 12 Oct 2018 8:53
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 12 12:18:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092418AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
 QLast Update : Mon Oct 01 06:49:26 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	82	-0.02
2 T	Dichlorodifluoromethane	0.925	1.248	-34.9#	125	-0.02
3	Chlorodifluoromethane	0.832	0.727	12.6	79	-0.01
4	Chloromethane	0.485	0.390	19.6	72	-0.01
5 T	Vinyl Chloride	0.490	0.401	18.2	76	-0.01
6 T	Bromomethane	0.268	0.252	6.0	78	-0.02
7	Chloroethane	0.175	0.161	8.0	82	-0.02
8 T	Dichlorotetrafluoroethane	1.011	0.979	3.2	88	-0.02
9 T	Propene	0.361	0.273	24.4	62	-0.01
10 T	Heptane	1.323	1.228	7.2	71	-0.02
11 T	Trichlorofluoromethane	1.100	1.151	-4.6	98	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.771	14.2	79	-0.02
13	Ethanol	0.108	0.074	31.5#	66	-0.02
14 T	Bromoethene	0.319	0.323	-1.3	85	-0.02
15 T	Acetone	0.878	0.779	11.3	85	-0.02
16 T	1,3-Butadiene	0.356	0.322	9.6	75	-0.02
17	tert-Butyl alcohol	0.110	0.084	23.6	74	-0.03
18 T	1,1-Dichloroethene	0.421	0.352	16.4	72	-0.02
19 T	Isopropyl Alcohol	0.611	0.501	18.0	71	-0.02
20 T	Methylene Chloride	0.425	0.311	26.8	73	-0.02
21 T	Allyl Chloride	0.717	0.581	19.0	69	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.390	1.8	85	-0.02
23 T	Vinyl Acetate	1.551	1.424	8.2	70	-0.02
24 T	1,1-Dichloroethane	1.292	1.198	7.3	81	-0.02
25 T	Ethyl Acetate	2.130	2.007	5.8	81	-0.02
26 T	Hexane	0.962	0.932	3.1	82	-0.02
27 T	Carbon Disulfide	1.034	1.037	-0.3	84	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.235	-3.1	80	-0.02
29 T	Chloroform	1.476	1.542	-4.5	94	-0.02
30 T	Cyclohexane	0.783	0.802	-2.4	78	-0.03
31 T	cis-1,2-Dichloroethene	0.916	0.854	6.8	73	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.435	8.8	81	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.03
34 T	2-Butanone	0.595	0.528	11.3	71	-0.02
35 T	Carbon Tetrachloride	0.695	0.702	-1.0	91	-0.03
36 T	Benzene	0.808	0.815	-0.9	81	-0.02
37 T	1,2-Dichloroethane	0.487	0.524	-7.6	92	-0.02
38 T	Trichloroethene	0.309	0.326	-5.5	87	-0.02
39 T	1,2-Dichloropropane	0.364	0.321	11.8	72	-0.02
40 T	1,4-Dioxane	0.112	0.115	-2.7	85	-0.03
41 T	Tetrahydrofuran	0.324	0.285	12.0	65	-0.02
42 T	Bromodichloromethane	0.730	0.767	-5.1	88	-0.02
43	Methyl Methacrylate	0.338	0.354	-4.7	78	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.501	4.9	78	-0.03
45 T	t-1,3-Dichloropropene	0.420	0.438	-4.3	69	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.525	-6.5	75	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.347	14.1	73	-0.03
48 T	Dibromochloromethane	0.636	0.666	-4.7	85	-0.03
49 T	Bromoform	0.486	0.527	-8.4	88	-0.03
50 T	4-Methyl-2-Pentanone	0.936	0.863	7.8	72	-0.02
51 T	2-Hexanone	0.774	0.741	4.3	70	-0.03
52 T	Tetrachloroethene	0.281	0.297	-5.7	88	-0.03
53 T	Toluene	0.985	1.050	-6.6	78	-0.03
54 T	1,2-Dibromoethane	0.575	0.581	-1.0	80	-0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	-0.03
56	1,1,1,2-Tetrachloroethane	0.450	0.448	0.4	93	-0.03
57 T	Chlorobenzene	0.806	0.746	7.4	87	-0.03
58 T	Ethyl Benzene	1.213	1.243	-2.5	81	-0.03
59 T	m/p-Xylene	1.079	1.039	3.7	82	-0.03
60 T	o-Xylene	1.051	1.035	1.5	85	-0.03
61 T	Styrene	0.687	0.731	-6.4	79	-0.03
62	Isopropylbenzene	1.486	1.437	3.3	83	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.933	0.776	16.8	83	-0.03
64	n-propylbenzene	0.382	0.375	1.8	83	-0.03
65	tert-Butylbenzene	1.274	1.232	3.3	85	-0.02
66 T	Benzyl Chloride	0.734	0.737	-0.4	79	-0.02
67	sec-Butylbenzene	1.894	1.806	4.6	84	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.724	4.0	83	-0.03
69	p-Isopropyltoluene	1.463	1.440	1.6	84	-0.03
70	n-Butylbenzene	1.598	1.572	1.6	83	-0.03
71	2-Chlorotoluene	1.132	1.138	-0.5	83	-0.03
72 T	4-Ethyltoluene	1.141	1.182	-3.6	83	-0.03
73 T	1,3,5-Trimethylbenzene	1.108	1.132	-2.2	83	-0.03
74 T	1,2,4-Trimethylbenzene	1.193	1.148	3.8	85	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.636	13.6	84	-0.03
76 T	1,4-Dichlorobenzene	0.674	0.626	7.1	81	-0.03
77 T	1,2-Dichlorobenzene	0.693	0.632	8.8	84	-0.03
78 T	Hexachloro-1,3-Butadiene	0.260	0.378	-45.4#	149	-0.02
79 T	Naphthalene	0.861	0.945	-9.8	75	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.275	-36.1#	57	-0.01
81 T	1,2,4-Trichlorobenzene	0.441	0.446	-1.1	74	-0.03

(#) = Out of Range

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