

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL092718\
 Data File : VL032549.D
 Acq On : 27 Sep 2018 13:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 28 02:22:20 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	94	-0.02
2 T	Dichlorodifluoromethane	0.925	0.712	23.0	82	-0.02
3	Chlorodifluoromethane	0.832	0.763	8.3	95	-0.01
4	Chloromethane	0.485	0.437	9.9	93	-0.01
5 T	Vinyl Chloride	0.490	0.420	14.3	92	-0.02
6 T	Bromomethane	0.268	0.244	9.0	87	-0.02
7	Chloroethane	0.175	0.154	12.0	90	-0.02
8 T	Dichlorotetrafluoroethane	1.011	0.932	7.8	97	-0.02
9 T	Propene	0.361	0.342	5.3	90	-0.01
10 T	Heptane	1.323	1.372	-3.7	92	-0.02
11 T	Trichlorofluoromethane	1.100	0.978	11.1	96	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	0.899	0.864	3.9	102	-0.02
13	Ethanol	0.108	0.086	20.4	88	-0.02
14 T	Bromoethene	0.319	0.297	6.9	91	-0.02
15 T	Acetone	0.878	0.729	17.0	91	-0.02
16 T	1,3-Butadiene	0.356	0.349	2.0	94	-0.02
17	tert-Butyl alcohol	0.110	0.095	13.6	97	-0.02
18 T	1,1-Dichloroethene	0.421	0.407	3.3	96	-0.02
19 T	Isopropyl Alcohol	0.611	0.567	7.2	92	-0.02
20 T	Methylene Chloride	0.425	0.362	14.8	97	-0.02
21 T	Allyl Chloride	0.717	0.721	-0.6	98	-0.02
22 T	trans-1,2-Dichloroethene	0.397	0.401	-1.0	101	-0.02
23 T	Vinyl Acetate	1.551	1.593	-2.7	90	-0.02
24 T	1,1-Dichloroethane	1.292	1.215	6.0	95	-0.02
25 T	Ethyl Acetate	2.130	2.047	3.9	95	-0.02
26 T	Hexane	0.962	0.934	2.9	94	-0.02
27 T	Carbon Disulfide	1.034	1.084	-4.8	101	-0.02
28 T	Methyl tert-Butyl Ether	1.198	1.253	-4.6	94	-0.02
29 T	Chloroform	1.476	1.447	2.0	102	-0.02
30 T	Cyclohexane	0.783	0.814	-4.0	92	-0.02
31 T	cis-1,2-Dichloroethene	0.916	0.970	-5.9	96	-0.02
32 T	1,1,1-Trichloroethane	1.573	1.454	7.6	95	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	-0.02
34 T	2-Butanone	0.595	0.585	1.7	90	-0.02
35 T	Carbon Tetrachloride	0.695	0.637	8.3	94	-0.02
36 T	Benzene	0.808	0.884	-9.4	100	-0.02
37 T	1,2-Dichloroethane	0.487	0.517	-6.2	104	-0.02
38 T	Trichloroethene	0.309	0.320	-3.6	97	-0.02
39 T	1,2-Dichloropropane	0.364	0.356	2.2	91	-0.02
40 T	1,4-Dioxane	0.112	0.111	0.9	93	-0.03
41 T	Tetrahydrofuran	0.324	0.360	-11.1	94	-0.02
42 T	Bromodichloromethane	0.730	0.729	0.1	96	-0.02
43	Methyl Methacrylate	0.338	0.372	-10.1	94	-0.02
44 T	2,2,4-Trimethylpentane	1.579	1.571	0.5	93	-0.02
45 T	t-1,3-Dichloropropene	0.420	0.465	-10.7	83	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.493	0.542	-9.9	88	-0.02
47 T	1,1,2-Trichloroethane	0.404	0.391	3.2	93	-0.02
48 T	Dibromochloromethane	0.636	0.653	-2.7	95	-0.02
49 T	Bromoform	0.486	0.500	-2.9	95	-0.02
50 T	4-Methyl-2-Pentanone	0.936	0.916	2.1	87	-0.02
51 T	2-Hexanone	0.774	0.849	-9.7	91	-0.02
52 T	Tetrachloroethene	0.281	0.276	1.8	93	-0.02
53 T	Toluene	0.985	1.097	-11.4	93	-0.02
54 T	1,2-Dibromoethane	0.575	0.600	-4.3	95	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	-0.02
56	1,1,1,2-Tetrachloroethane	0.450	0.388	13.8	95	-0.02
57 T	Chlorobenzene	0.806	0.681	15.5	93	-0.02
58 T	Ethyl Benzene	1.213	1.225	-1.0	94	-0.02
59 T	m/p-Xylene	1.079	1.010	6.4	94	-0.02
60 T	o-Xylene	1.051	0.989	5.9	95	-0.02
61 T	Styrene	0.687	0.734	-6.8	93	-0.02
62	Isopropylbenzene	1.486	1.389	6.5	94	-0.03
63 T	1,1,2,2-Tetrachloroethane	0.933	0.745	20.2	94	-0.02
64	n-propylbenzene	0.382	0.356	6.8	93	-0.02
65	tert-Butylbenzene	1.274	1.160	8.9	94	-0.02
66 T	Benzyl Chloride	0.734	0.739	-0.7	93	-0.02
67	sec-Butylbenzene	1.894	1.727	8.8	95	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.754	0.697	7.6	94	-0.02
69	p-Isopropyltoluene	1.463	1.380	5.7	95	-0.02
70	n-Butylbenzene	1.598	1.522	4.8	95	-0.02
71	2-Chlorotoluene	1.132	1.099	2.9	94	-0.02
72 T	4-Ethyltoluene	1.141	1.139	0.2	94	-0.02
73 T	1,3,5-Trimethylbenzene	1.108	1.086	2.0	94	-0.02
74 T	1,2,4-Trimethylbenzene	1.193	1.097	8.0	96	-0.02
75 T	1,3-Dichlorobenzene	0.736	0.615	16.4	95	-0.02
76 T	1,4-Dichlorobenzene	0.674	0.615	8.8	94	-0.02
77 T	1,2-Dichlorobenzene	0.693	0.597	13.9	93	-0.02
78 T	Hexachloro-1,3-Butadiene	0.260	0.363	-39.6#	169#	-0.02
79 T	Naphthalene	0.861	1.006	-16.8	94	-0.03
80 T	Naphthalene,2-methyl-	0.202	0.381	-88.6#	94	-0.01
81 T	1,2,4-Trichlorobenzene	0.441	0.475	-7.7	93	-0.03

(#) = Out of Range

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