

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL103018\
 Data File : VL032699.D
 Acq On : 30 Oct 2018 13:27
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 06:06:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 05:15:43 2018
 QLast Update : Thu Oct 25 05:15:43 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	83	0.00
2 T	Dichlorodifluoromethane	1.019	1.273	-24.9	157#	0.00
3	Chlorodifluoromethane	0.782	0.757	3.2	94	0.00
4	Chloromethane	0.437	0.429	1.8	95	0.00
5 T	Vinyl Chloride	0.473	0.435	8.0	94	0.00
6 T	Bromomethane	0.295	0.271	8.1	92	0.00
7	Chloroethane	0.174	0.164	5.7	95	0.00
8 T	Dichlorotetrafluoroethane	1.074	1.015	5.5	93	0.00
9 T	Propene	0.322	0.340	-5.6	97	0.00
10 T	Heptane	1.240	1.311	-5.7	94	0.00
11 T	Trichlorofluoromethane	1.331	1.135	14.7	93	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	1.092	1.4	90	0.00
13	Ethanol	0.092	0.082	10.9	87	0.00
14 T	Bromoethene	0.374	0.354	5.3	92	0.00
15 T	Acetone	0.923	0.752	18.5	93	0.00
16 T	1,3-Butadiene	0.340	0.345	-1.5	95	0.00
17	tert-Butyl alcohol	0.272	0.312	-14.7	79	0.00
18 T	1,1-Dichloroethene	0.486	0.513	-5.6	91	0.00
19 T	Isopropyl Alcohol	0.658	0.542	17.6	80	0.00
20 T	Methylene Chloride	0.469	0.446	4.9	91	0.00
21 T	Allyl Chloride	0.758	0.853	-12.5	93	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.489	2.0	87	0.00
23 T	Vinyl Acetate	1.636	1.779	-8.7	96	0.00
24 T	1,1-Dichloroethane	1.285	1.303	-1.4	95	0.00
25 T	Ethyl Acetate	2.126	2.128	-0.1	91	0.00
26 T	Hexane	1.006	0.989	1.7	89	0.00
27 T	Carbon Disulfide	1.220	1.185	2.9	81	0.00
28 T	Methyl tert-Butyl Ether	1.445	1.628	-12.7	97	0.00
29 T	Chloroform	1.606	1.605	0.1	92	0.00
30 T	Cyclohexane	0.796	0.896	-12.6	96	0.00
31 T	cis-1,2-Dichloroethene	0.933	0.979	-4.9	88	0.00
32 T	1,1,1-Trichloroethane	1.633	1.604	1.8	93	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.536	0.554	-3.4	99	0.00
35 T	Carbon Tetrachloride	0.710	0.678	4.5	93	0.00
36 T	Benzene	0.812	0.829	-2.1	95	0.00
37 T	1,2-Dichloroethane	0.498	0.478	4.0	89	0.00
38 T	Trichloroethene	0.301	0.320	-6.3	96	0.00
39 T	1,2-Dichloropropane	0.314	0.321	-2.2	96	0.00
40 T	1,4-Dioxane	0.107	0.109	-1.9	92	0.00
41 T	Tetrahydrofuran	0.299	0.333	-11.4	96	0.00
42 T	Bromodichloromethane	0.698	0.694	0.6	93	0.00
43	Methyl Methacrylate	0.298	0.337	-13.1	96	0.00
44 T	2,2,4-Trimethylpentane	1.386	1.410	-1.7	96	0.00
45 T	t-1,3-Dichloropropene	0.398	0.483	-21.4	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.455	0.543	-19.3	97	0.00
47 T	1,1,2-Trichloroethane	0.371	0.378	-1.9	96	0.00
48 T	Dibromochloromethane	0.618	0.597	3.4	85	0.00
49 T	Bromoform	0.485	0.521	-7.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.896	-12.8	103	0.00
51 T	2-Hexanone	0.590	0.624	-5.8	86	0.00
52 T	Tetrachloroethene	0.283	0.287	-1.4	94	0.00
53 T	Toluene	0.931	1.061	-14.0	97	0.00
54 T	1,2-Dibromoethane	0.504	0.516	-2.4	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.392	10.3	95	0.00
57 T	Chlorobenzene	0.735	0.665	9.5	95	0.00
58 T	Ethyl Benzene	1.162	1.183	-1.8	94	0.00
59 T	m/p-Xylene	1.035	0.982	5.1	94	-0.02
60 T	o-Xylene	0.998	0.944	5.4	94	0.00
61 T	Styrene	0.669	0.727	-8.7	95	0.00
62	Isopropylbenzene	1.412	1.335	5.5	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.662	15.3	94	0.00
64	n-propylbenzene	0.351	0.345	1.7	96	0.00
65	tert-Butylbenzene	1.203	1.152	4.2	95	0.00
66 T	Benzyl Chloride	0.621	0.688	-10.8	95	0.00
67	sec-Butylbenzene	1.711	1.626	5.0	95	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.686	7.9	88	0.00
69	p-Isopropyltoluene	1.356	1.339	1.3	97	0.00
70	n-Butylbenzene	1.396	1.360	2.6	95	0.00
71	2-Chlorotoluene	1.004	0.996	0.8	95	0.00
72 T	4-Ethyltoluene	1.063	1.086	-2.2	96	0.00
73 T	1,3,5-Trimethylbenzene	1.035	1.019	1.5	95	0.00
74 T	1,2,4-Trimethylbenzene	1.106	1.037	6.2	95	0.00
75 T	1,3-Dichlorobenzene	0.636	0.578	9.1	94	0.00
76 T	1,4-Dichlorobenzene	0.587	0.570	2.9	95	0.00
77 T	1,2-Dichlorobenzene	0.602	0.559	7.1	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.285	0.217	23.9	94	0.00
79 T	Naphthalene	0.687	0.812	-18.2	98	0.00
80 T	Naphthalene,2-methyl-	0.167	0.288	-72.5#	93	0.00
81 T	1,2,4-Trichlorobenzene	0.356	0.396	-11.2	94	0.00

(#) = Out of Range

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