

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL103018\
 Data File : VL032710.D
 Acq On : 31 Oct 2018 9:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Oct 31 10:20:46 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	79	0.00
2 T	Dichlorodifluoromethane	1.019	0.707	30.6#	83	0.00
3	Chlorodifluoromethane	0.782	0.824	-5.4	97	0.00
4	Chloromethane	0.437	0.479	-9.6	100	0.00
5 T	Vinyl Chloride	0.473	0.480	-1.5	98	0.00
6 T	Bromomethane	0.295	0.289	2.0	93	0.00
7	Chloroethane	0.174	0.173	0.6	94	0.00
8 T	Dichlorotetrafluoroethane	1.074	1.077	-0.3	93	0.00
9 T	Propene	0.322	0.390	-21.1	106	0.00
10 T	Heptane	1.240	1.421	-14.6	97	0.00
11 T	Trichlorofluoromethane	1.331	1.111	16.5	87	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.107	0.795	28.2	62	0.00
13	Ethanol	0.092	0.098	-6.5	99	0.00
14 T	Bromoethene	0.374	0.367	1.9	90	0.00
15 T	Acetone	0.923	0.791	14.3	93	0.00
16 T	1,3-Butadiene	0.340	0.393	-15.6	102	0.00
17	tert-Butyl alcohol	0.272	0.276	-1.5	66	0.00
18 T	1,1-Dichloroethene	0.486	0.385	20.8	64	0.00
19 T	Isopropyl Alcohol	0.658	0.659	-0.2	92	0.00
20 T	Methylene Chloride	0.469	0.327	30.3#	63	0.00
21 T	Allyl Chloride	0.758	0.639	15.7	66	0.00
22 T	trans-1,2-Dichloroethene	0.499	0.451	9.6	76	0.00
23 T	Vinyl Acetate	1.636	1.932	-18.1	99	0.00
24 T	1,1-Dichloroethane	1.285	1.339	-4.2	93	0.00
25 T	Ethyl Acetate	2.126	2.242	-5.5	91	0.00
26 T	Hexane	1.006	1.033	-2.7	88	0.00
27 T	Carbon Disulfide	1.220	1.051	13.9	68	0.00
28 T	Methyl tert-Butyl Ether	1.445	1.732	-19.9	98	0.00
29 T	Chloroform	1.606	1.620	-0.9	88	0.00
30 T	Cyclohexane	0.796	0.939	-18.0	95	0.00
31 T	cis-1,2-Dichloroethene	0.933	1.076	-15.3	92	0.00
32 T	1,1,1-Trichloroethane	1.633	1.735	-6.2	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
34 T	2-Butanone	0.536	0.595	-11.0	103	0.00
35 T	Carbon Tetrachloride	0.710	0.699	1.5	92	0.00
36 T	Benzene	0.812	0.863	-6.3	95	0.00
37 T	1,2-Dichloroethane	0.498	0.503	-1.0	91	0.00
38 T	Trichloroethene	0.301	0.342	-13.6	99	0.00
39 T	1,2-Dichloropropane	0.314	0.338	-7.6	98	0.00
40 T	1,4-Dioxane	0.107	0.112	-4.7	91	0.00
41 T	Tetrahydrofuran	0.299	0.333	-11.4	93	0.00
42 T	Bromodichloromethane	0.698	0.717	-2.7	93	0.00
43	Methyl Methacrylate	0.298	0.354	-18.8	97	0.00
44 T	2,2,4-Trimethylpentane	1.386	1.455	-5.0	95	0.00
45 T	t-1,3-Dichloropropene	0.398	0.518	-30.2#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.455	0.539	-18.5	93	0.00
47 T	1,1,2-Trichloroethane	0.371	0.390	-5.1	95	0.00
48 T	Dibromochloromethane	0.618	0.687	-11.2	94	0.00
49 T	Bromoform	0.485	0.523	-7.8	92	0.00
50 T	4-Methyl-2-Pentanone	0.794	0.830	-4.5	92	0.00
51 T	2-Hexanone	0.590	0.712	-20.7	95	0.00
52 T	Tetrachloroethene	0.283	0.313	-10.6	99	0.00
53 T	Toluene	0.931	1.094	-17.5	96	0.00
54 T	1,2-Dibromoethane	0.504	0.547	-8.5	87	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.437	0.433	0.9	94	0.00
57 T	Chlorobenzene	0.735	0.744	-1.2	96	0.00
58 T	Ethyl Benzene	1.162	1.316	-13.3	95	0.00
59 T	m/p-Xylene	1.035	1.087	-5.0	94	-0.03
60 T	o-Xylene	0.998	1.039	-4.1	94	0.00
61 T	Styrene	0.669	0.812	-21.4	96	0.00
62	Isopropylbenzene	1.412	1.486	-5.2	96	0.00
63 T	1,1,2,2-Tetrachloroethane	0.782	0.697	10.9	89	0.00
64	n-propylbenzene	0.351	0.381	-8.5	95	0.00
65	tert-Butylbenzene	1.203	1.250	-3.9	93	0.00
66 T	Benzyl Chloride	0.621	0.729	-17.4	91	0.00
67	sec-Butylbenzene	1.711	1.754	-2.5	93	0.00
68 S	1-Bromo-4-Fluorobenzene	0.745	0.745	0.0	87	0.00
69	p-Isopropyltoluene	1.356	1.427	-5.2	93	0.00
70	n-Butylbenzene	1.396	1.527	-9.4	96	0.00
71	2-Chlorotoluene	1.004	1.090	-8.6	94	0.00
72 T	4-Ethyltoluene	1.063	1.199	-12.8	96	0.00
73 T	1,3,5-Trimethylbenzene	1.035	1.116	-7.8	94	0.00
74 T	1,2,4-Trimethylbenzene	1.106	1.126	-1.8	93	0.00
75 T	1,3-Dichlorobenzene	0.636	0.628	1.3	93	0.00
76 T	1,4-Dichlorobenzene	0.587	0.626	-6.6	94	0.00
77 T	1,2-Dichlorobenzene	0.602	0.594	1.3	92	0.00
78 T	Hexachloro-1,3-Butadiene	0.285	0.372	-30.5#	145	0.00
79 T	Naphthalene	0.687	0.948	-38.0#	103	0.00
80 T	Naphthalene,2-methyl-	0.167	0.394	-135.9#	115	0.00
81 T	1,2,4-Trichlorobenzene	0.356	0.460	-29.2	99	0.00

(#) = Out of Range

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