

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091018\
 Data File : VL032481.D
 Acq On : 10 Sep 2018 14:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 11 01:15:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 31 21:33:46 2018
 QLast Update : Fri Aug 31 21:33:46 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	75	0.00
2 T	Dichlorodifluoromethane	1.279	1.105	13.6	66	0.00
3	Chlorodifluoromethane	0.905	0.773	14.6	72	0.00
4	Chloromethane	0.548	0.459	16.2	70	0.00
5 T	Vinyl Chloride	0.541	0.438	19.0	70	0.00
6 T	Bromomethane	0.284	0.256	9.9	74	0.00
7	Chloroethane	0.187	0.164	12.3	72	0.00
8 T	Dichlorotetrafluoroethane	1.135	0.909	19.9	68	0.00
9 T	Propene	0.365	0.389	-6.6	80	0.00
10 T	Heptane	1.310	1.513	-15.5	84	0.00
11 T	Trichlorofluoromethane	1.153	0.928	19.5	68	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.782	0.802	-2.6	88	0.00
13	Ethanol	0.114	0.087	23.7	73	0.00
14 T	Bromoethene	0.331	0.294	11.2	69	0.00
15 T	Acetone	0.901	0.745	17.3	72	0.00
16 T	1,3-Butadiene	0.424	0.386	9.0	78	0.00
17	tert-Butyl alcohol	0.139	0.137	1.4	81	-0.01
18 T	1,1-Dichloroethene	0.357	0.391	-9.5	90	0.00
19 T	Isopropyl Alcohol	0.591	0.548	7.3	76	0.00
20 T	Methylene Chloride	0.343	0.345	-0.6	89	0.00
21 T	Allyl Chloride	0.598	0.705	-17.9	92	0.00
22 T	trans-1,2-Dichloroethene	0.388	0.380	2.1	78	0.00
23 T	Vinyl Acetate	1.493	1.716	-14.9	85	0.00
24 T	1,1-Dichloroethane	1.230	1.196	2.8	79	0.00
25 T	Ethyl Acetate	2.127	2.035	4.3	77	0.00
26 T	Hexane	0.952	0.934	1.9	76	0.00
27 T	Carbon Disulfide	0.879	1.006	-14.4	88	0.00
28 T	Methyl tert-Butyl Ether	1.169	1.339	-14.5	84	0.00
29 T	Chloroform	1.452	1.364	6.1	78	0.00
30 T	Cyclohexane	0.697	0.858	-23.1	88	0.00
31 T	cis-1,2-Dichloroethene	0.862	0.950	-10.2	81	-0.01
32 T	1,1,1-Trichloroethane	1.353	1.292	4.5	80	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
34 T	2-Butanone	0.664	0.595	10.4	80	0.00
35 T	Carbon Tetrachloride	0.672	0.617	8.2	89	0.00
36 T	Benzene	0.851	0.874	-2.7	89	0.00
37 T	1,2-Dichloroethane	0.522	0.428	18.0	76	0.00
38 T	Trichloroethene	0.323	0.310	4.0	90	0.00
39 T	1,2-Dichloropropane	0.364	0.378	-3.8	95	0.00
40 T	1,4-Dioxane	0.109	0.122	-11.9	94	0.00
41 T	Tetrahydrofuran	0.362	0.366	-1.1	83	0.00
42 T	Bromodichloromethane	0.719	0.711	1.1	91	0.00
43	Methyl Methacrylate	0.361	0.389	-7.8	85	0.00
44 T	2,2,4-Trimethylpentane	1.645	1.619	1.6	86	0.00
45 T	t-1,3-Dichloropropene	0.386	0.505	-30.8#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.494	0.564	-14.2	86	0.00
47 T	1,1,2-Trichloroethane	0.387	0.382	1.3	97	0.00
48 T	Dibromochloromethane	0.536	0.608	-13.4	98	0.00
49 T	Bromoform	0.466	0.455	2.4	84	0.00
50 T	4-Methyl-2-Pentanone	1.001	0.974	2.7	82	0.00
51 T	2-Hexanone	0.645	0.854	-32.4#	103	-0.01
52 T	Tetrachloroethene	0.264	0.261	1.1	89	0.00
53 T	Toluene	0.890	1.089	-22.4	102	-0.01
54 T	1,2-Dibromoethane	0.520	0.564	-8.5	89	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
56	1,1,1,2-Tetrachloroethane	0.451	0.385	14.6	82	-0.01
57 T	Chlorobenzene	0.799	0.704	11.9	84	0.00
58 T	Ethyl Benzene	1.197	1.319	-10.2	88	0.00
59 T	m/p-Xylene	1.067	1.068	-0.1	86	-0.01
60 T	o-Xylene	1.048	1.043	0.5	86	-0.01
61 T	Styrene	0.678	0.797	-17.6	88	0.00
62	Isopropylbenzene	1.473	1.466	0.5	87	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.937	0.780	16.8	83	-0.01
64	n-propylbenzene	0.385	0.382	0.8	85	0.00
65	tert-Butylbenzene	1.270	1.236	2.7	87	0.00
66 T	Benzyl Chloride	0.707	0.792	-12.0	91	-0.01
67	sec-Butylbenzene	1.909	1.858	2.7	87	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.742	0.759	-2.3	88	-0.01
69	p-Isopropyltoluene	1.480	1.473	0.5	86	-0.01
70	n-Butylbenzene	1.677	1.633	2.6	86	-0.01
71	2-Chlorotoluene	1.126	1.171	-4.0	87	-0.01
72 T	4-Ethyltoluene	1.144	1.223	-6.9	86	-0.01
73 T	1,3,5-Trimethylbenzene	1.146	1.165	-1.7	87	0.00
74 T	1,2,4-Trimethylbenzene	1.253	1.165	7.0	87	0.00
75 T	1,3-Dichlorobenzene	0.744	0.655	12.0	86	-0.01
76 T	1,4-Dichlorobenzene	0.690	0.657	4.8	87	-0.01
77 T	1,2-Dichlorobenzene	0.717	0.648	9.6	85	-0.01
78 T	Hexachloro-1,3-Butadiene	0.268	0.231	13.8	95	-0.01
79 T	Naphthalene	1.019	1.077	-5.7	84	0.00
80 T	Naphthalene,2-methyl-	0.271	0.389	-43.5#	86	0.00
81 T	1,2,4-Trichlorobenzene	0.513	0.512	0.2	85	-0.01

(#) = Out of Range

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