

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091819\
 Data File : VL034184.D
 Acq On : 18 Sep 2019 14:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 19 06:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 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	92	0.00
2 T	Dichlorodifluoromethane	1.477	1.192	19.3	90	0.00
3	Chlorodifluoromethane	1.173	1.105	5.8	93	0.00
4	Chloromethane	0.689	0.663	3.8	94	0.00
5 T	Vinyl Chloride	0.630	0.587	6.8	94	0.00
6 T	Bromomethane	0.294	0.279	5.1	91	0.00
7	Chloroethane	0.220	0.208	5.5	92	0.00
8 T	Dichlorotetrafluoroethane	1.304	1.210	7.2	95	0.00
9 T	Propene	0.578	0.548	5.2	92	0.00
10 T	Heptane	1.508	1.448	4.0	92	0.00
11 T	Trichlorofluoromethane	1.345	1.281	4.8	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.880	0.838	4.8	95	0.00
13	Ethanol	0.140	0.121	13.6	123	0.00
14 T	Bromoethene	0.360	0.360	0.0	94	0.00
15 T	Acetone	1.340	1.096	18.2	95	0.00
16 T	1,3-Butadiene	0.585	0.583	0.3	95	0.00
17	tert-Butyl alcohol	0.849	0.947	-11.5	109	0.00
18 T	1,1-Dichloroethene	0.384	0.377	1.8	93	0.00
19 T	Isopropyl Alcohol	0.824	0.880	-6.8	118	0.00
20 T	Methylene Chloride	0.386	0.339	12.2	94	0.00
21 T	Allyl Chloride	0.757	0.766	-1.2	94	0.00
22 T	trans-1,2-Dichloroethene	0.384	0.382	0.5	94	0.00
23 T	Vinyl Acetate	1.975	1.897	3.9	93	0.00
24 T	1,1-Dichloroethane	1.330	1.249	6.1	94	0.00
25 T	Ethyl Acetate	2.534	2.314	8.7	94	0.00
26 T	Hexane	1.054	0.973	7.7	93	0.00
27 T	Carbon Disulfide	0.972	1.045	-7.5	95	0.00
28 T	Methyl tert-Butyl Ether	1.566	1.492	4.7	92	0.00
29 T	Chloroform	1.507	1.458	3.3	95	0.00
30 T	Cyclohexane	0.761	0.738	3.0	92	0.00
31 T	cis-1,2-Dichloroethene	1.075	1.059	1.5	93	0.00
32 T	1,1,1-Trichloroethane	1.453	1.390	4.3	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	1.021	0.948	7.1	93	0.00
35 T	Carbon Tetrachloride	0.831	0.799	3.9	95	0.00
36 T	Benzene	1.104	1.025	7.2	92	0.00
37 T	1,2-Dichloroethane	0.786	0.764	2.8	95	0.00
38 T	Trichloroethene	0.395	0.345	12.7	91	0.00
39 T	1,2-Dichloropropane	0.496	0.461	7.1	92	0.00
40 T	1,4-Dioxane	0.161	0.156	3.1	107	0.00
41 T	Tetrahydrofuran	0.575	0.572	0.5	93	0.00
42 T	Bromodichloromethane	0.943	0.930	1.4	94	0.00
43	Methyl Methacrylate	0.456	0.464	-1.8	94	0.00
44 T	2,2,4-Trimethylpentane	2.126	1.918	9.8	94	0.00
45 T	t-1,3-Dichloropropene	0.539	0.609	-13.0	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.649	0.681	-4.9	92	0.00
47 T	1,1,2-Trichloroethane	0.446	0.420	5.8	94	0.00
48 T	Dibromochloromethane	0.706	0.696	1.4	92	0.00
49 T	Bromoform	0.572	0.587	-2.6	93	0.00
50 T	4-Methyl-2-Pentanone	1.486	1.392	6.3	94	0.00
51 T	2-Hexanone	1.247	1.199	3.8	93	0.00
52 T	Tetrachloroethene	0.365	0.326	10.7	93	0.00
53 T	Toluene	1.207	1.164	3.6	93	0.00
54 T	1,2-Dibromoethane	0.663	0.628	5.3	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.446	0.410	8.1	92	0.00
57 T	Chlorobenzene	0.871	0.752	13.7	92	0.00
58 T	Ethyl Benzene	1.614	1.445	10.5	93	0.00
59 T	m/p-Xylene	1.336	1.183	11.5	94	0.00
60 T	o-Xylene	1.336	1.174	12.1	94	0.00
61 T	Styrene	0.957	0.881	7.9	92	0.00
62	Isopropylbenzene	1.730	1.516	12.4	94	0.00
63 T	1,1,2,2-Tetrachloroethane	1.096	0.870	20.6	95	0.00
64	n-propylbenzene	0.438	0.389	11.2	90	0.00
65	tert-Butylbenzene	1.512	1.291	14.6	94	0.00
66 T	Benzyl Chloride	0.535	0.648	-21.1	94	0.00
67	sec-Butylbenzene	2.161	1.869	13.5	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.869	0.841	3.2	90	0.00
69	p-Isopropyltoluene	1.750	1.524	12.9	94	0.00
70	n-Butylbenzene	2.038	1.740	14.6	94	0.00
71	2-Chlorotoluene	1.413	1.261	10.8	94	0.00
72 T	4-Ethyltoluene	1.510	1.354	10.3	93	0.00
73 T	1,3,5-Trimethylbenzene	1.459	1.295	11.2	94	0.00
74 T	1,2,4-Trimethylbenzene	1.549	1.307	15.6	94	0.00
75 T	1,3-Dichlorobenzene	0.831	0.716	13.8	95	0.00
76 T	1,4-Dichlorobenzene	0.851	0.725	14.8	93	0.00
77 T	1,2-Dichlorobenzene	0.841	0.715	15.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.533	4.3	113	0.00
79 T	Naphthalene	1.363	1.187	12.9	93	0.00
80 T	Naphthalene,2-methyl-	0.634	0.643	-1.4	92	0.00
81 T	1,2,4-Trichlorobenzene	0.755	0.644	14.7	94	0.00

(#) = Out of Range

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