

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL050719\
 Data File : VL033683.D
 Acq On : 7 May 2019 15:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 08 03:41:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050619AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon May 06 15:19:01 2019
 QLast Update : Mon May 06 15:19:01 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	2.345	1.685	28.1	74	0.00
3	Chlorodifluoromethane	1.444	1.158	19.8	94	0.00
4	Chloromethane	0.751	0.633	15.7	90	0.00
5 T	Vinyl Chloride	0.730	0.634	13.2	92	0.00
6 T	Bromomethane	0.464	0.412	11.2	93	0.00
7	Chloroethane	0.265	0.236	10.9	94	0.00
8 T	Dichlorotetrafluoroethane	1.931	1.641	15.0	91	0.00
9 T	Propene	0.551	0.481	12.7	90	0.00
10 T	Heptane	1.359	1.331	2.1	92	0.00
11 T	Trichlorofluoromethane	2.190	1.960	10.5	94	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.472	1.312	10.9	92	0.00
13	Ethanol	0.165	0.128	22.4	104	0.00
14 T	Bromoethene	0.580	0.525	9.5	90	0.00
15 T	Acetone	1.488	1.249	16.1	95	0.00
16 T	1,3-Butadiene	0.638	0.578	9.4	91	0.00
17	tert-Butyl alcohol	1.130	1.096	3.0	96	0.00
18 T	1,1-Dichloroethene	0.636	0.582	8.5	92	0.00
19 T	Isopropyl Alcohol	0.914	0.826	9.6	93	0.00
20 T	Methylene Chloride	0.565	0.498	11.9	94	0.00
21 T	Allyl Chloride	0.900	0.865	3.9	94	0.00
22 T	trans-1,2-Dichloroethene	0.638	0.592	7.2	91	0.00
23 T	Vinyl Acetate	1.933	1.901	1.7	93	0.00
24 T	1,1-Dichloroethane	1.462	1.307	10.6	91	0.00
25 T	Ethyl Acetate	2.420	2.333	3.6	95	0.00
26 T	Hexane	1.040	1.007	3.2	93	0.00
27 T	Carbon Disulfide	1.423	1.453	-2.1	93	0.00
28 T	Methyl tert-Butyl Ether	1.752	1.644	6.2	89	0.00
29 T	Chloroform	1.871	1.755	6.2	95	0.00
30 T	Cyclohexane	0.874	0.859	1.7	89	0.00
31 T	cis-1,2-Dichloroethene	1.035	1.038	-0.3	93	0.00
32 T	1,1,1-Trichloroethane	1.932	1.771	8.3	89	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.640	0.644	-0.6	93	0.00
35 T	Carbon Tetrachloride	0.822	0.831	-1.1	91	0.00
36 T	Benzene	0.897	0.885	1.3	88	0.00
37 T	1,2-Dichloroethane	0.626	0.577	7.8	93	0.00
38 T	Trichloroethene	0.329	0.361	-9.7	90	0.00
39 T	1,2-Dichloropropane	0.334	0.331	0.9	89	0.00
40 T	1,4-Dioxane	0.134	0.129	3.7	86	0.00
41 T	Tetrahydrofuran	0.331	0.355	-7.3	91	0.00
42 T	Bromodichloromethane	0.808	0.812	-0.5	90	0.00
43	Methyl Methacrylate	0.337	0.363	-7.7	91	0.00
44 T	2,2,4-Trimethylpentane	1.533	1.517	1.0	89	0.00
45 T	t-1,3-Dichloropropene	0.414	0.506	-22.2	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.517	0.563	-8.9	89	0.00
47 T	1,1,2-Trichloroethane	0.384	0.383	0.3	92	0.00
48 T	Dibromochloromethane	0.651	0.714	-9.7	92	0.00
49 T	Bromoform	0.565	0.640	-13.3	92	0.00
50 T	4-Methyl-2-Pentanone	0.970	0.987	-1.8	88	0.00
51 T	2-Hexanone	0.751	0.828	-10.3	91	0.00
52 T	Tetrachloroethene	0.318	0.350	-10.1	92	0.00
53 T	Toluene	0.969	1.069	-10.3	91	0.00
54 T	1,2-Dibromoethane	0.578	0.611	-5.7	93	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
56	1,1,1,2-Tetrachloroethane	0.461	0.441	4.3	92	0.00
57 T	Chlorobenzene	0.821	0.769	6.3	93	0.00
58 T	Ethyl Benzene	1.304	1.359	-4.2	91	0.00
59 T	m/p-Xylene	1.149	1.148	0.1	92	0.00
60 T	o-Xylene	1.162	1.155	0.6	91	0.00
61 T	Styrene	0.774	0.867	-12.0	92	0.00
62	Isopropylbenzene	1.587	1.568	1.2	93	0.00
63 T	1,1,2,2-Tetrachloroethane	0.846	0.803	5.1	92	0.00
64	n-propylbenzene	0.410	0.408	0.5	92	0.00
65	tert-Butylbenzene	1.456	1.445	0.8	93	0.00
66 T	Benzyl Chloride	0.662	0.828	-25.1	97	0.00
67	sec-Butylbenzene	2.031	2.014	0.8	92	0.00
68 S	1-Bromo-4-Fluorobenzene	0.820	0.782	4.6	89	0.00
69	p-Isopropyltoluene	1.674	1.683	-0.5	91	0.00
70	n-Butylbenzene	1.775	1.747	1.6	89	0.00
71	2-Chlorotoluene	1.173	1.196	-2.0	93	0.00
72 T	4-Ethyltoluene	1.366	1.363	0.2	90	0.00
73 T	1,3,5-Trimethylbenzene	1.321	1.306	1.1	91	0.00
74 T	1,2,4-Trimethylbenzene	1.469	1.379	6.1	91	0.00
75 T	1,3-Dichlorobenzene	0.887	0.811	8.6	91	0.00
76 T	1,4-Dichlorobenzene	0.842	0.806	4.3	90	0.00
77 T	1,2-Dichlorobenzene	0.822	0.767	6.7	90	0.00
78 T	Hexachloro-1,3-Butadiene	0.651	0.575	11.7	99	0.00
79 T	Naphthalene	1.341	1.182	11.9	76	0.00
80 T	Naphthalene,2-methyl-	0.507	0.443	12.6	66	0.00
81 T	1,2,4-Trichlorobenzene	0.779	0.653	16.2	78	0.00

(#) = Out of Range

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