

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL050219\
 Data File : VL033652.D
 Acq On : 3 May 2019 6:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: May 03 08:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050119AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 02 06:29:02 2019
 QLast Update : Thu May 02 06:29:02 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	86	0.00
2 T	Dichlorodifluoromethane	1.507	2.322	-54.1#	153#	0.02
3	Chlorodifluoromethane	1.196	1.276	-6.7	101	0.02
4	Chloromethane	0.651	0.705	-8.3	104	0.00
5 T	Vinyl Chloride	0.683	0.709	-3.8	104	0.00
6 T	Bromomethane	0.402	0.446	-10.9	105	0.00
7	Chloroethane	0.228	0.254	-11.4	101	0.00
8 T	Dichlorotetrafluoroethane	1.640	1.837	-12.0	109	0.00
9 T	Propene	0.342	0.534	-56.1#	437#	0.02
10 T	Heptane	1.266	1.371	-8.3	92	0.00
11 T	Trichlorofluoromethane	1.791	2.023	-13.0	108	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.229	1.328	-8.1	105	0.00
13	Ethanol	0.155	0.110	29.0	82	0.01
14 T	Bromoethene	0.504	0.545	-8.1	98	0.00
15 T	Acetone	1.217	1.256	-3.2	108	0.01
16 T	1,3-Butadiene	0.548	0.645	-17.7	106	0.00
17	tert-Butyl alcohol	1.051	0.995	5.3	84	0.01
18 T	1,1-Dichloroethene	0.534	0.587	-9.9	104	0.00
19 T	Isopropyl Alcohol	0.836	0.809	3.2	88	0.02
20 T	Methylene Chloride	0.474	0.496	-4.6	107	0.00
21 T	Allyl Chloride	0.766	0.857	-11.9	100	0.00
22 T	trans-1,2-Dichloroethene	0.523	0.603	-15.3	107	0.00
23 T	Vinyl Acetate	1.810	1.892	-4.5	89	0.00
24 T	1,1-Dichloroethane	1.348	1.326	1.6	92	0.00
25 T	Ethyl Acetate	2.311	2.271	1.7	90	0.00
26 T	Hexane	0.973	0.996	-2.4	91	0.00
27 T	Carbon Disulfide	1.178	1.467	-24.5	103	0.00
28 T	Methyl tert-Butyl Ether	1.641	1.618	1.4	85	0.00
29 T	Chloroform	1.783	1.724	3.3	91	0.00
30 T	Cyclohexane	0.824	0.866	-5.1	89	0.00
31 T	cis-1,2-Dichloroethene	0.982	1.033	-5.2	91	0.00
32 T	1,1,1-Trichloroethane	1.866	1.807	3.2	92	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.614	0.625	-1.8	89	0.01
35 T	Carbon Tetrachloride	0.792	0.822	-3.8	93	0.00
36 T	Benzene	0.852	0.909	-6.7	92	0.00
37 T	1,2-Dichloroethane	0.566	0.573	-1.2	94	0.00
38 T	Trichloroethene	0.340	0.369	-8.5	94	0.00
39 T	1,2-Dichloropropane	0.321	0.331	-3.1	88	0.00
40 T	1,4-Dioxane	0.131	0.132	-0.8	83	0.01
41 T	Tetrahydrofuran	0.328	0.346	-5.5	89	0.00
42 T	Bromodichloromethane	0.766	0.807	-5.4	91	0.00
43	Methyl Methacrylate	0.323	0.362	-12.1	90	0.00
44 T	2,2,4-Trimethylpentane	1.485	1.530	-3.0	91	0.00
45 T	t-1,3-Dichloropropene	0.429	0.505	-17.7	81	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.483	0.563	-16.6	87	0.02
47 T	1,1,2-Trichloroethane	0.419	0.381	9.1	59	0.00
48 T	Dibromochloromethane	0.709	0.699	1.4	58	0.00
49 T	Bromoform	0.543	0.620	-14.2	92	0.00
50 T	4-Methyl-2-Pentanone	0.962	0.997	-3.6	88	0.01
51 T	2-Hexanone	0.845	0.809	4.3	56	0.00
52 T	Tetrachloroethene	0.328	0.349	-6.4	88	0.00
53 T	Toluene	1.075	1.062	1.2	58	0.00
54 T	1,2-Dibromoethane	0.576	0.611	-6.1	85	0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	55	0.00
56	1,1,1,2-Tetrachloroethane	0.431	0.415	3.7	60	0.00
57 T	Chlorobenzene	0.767	0.730	4.8	61	0.00
58 T	Ethyl Benzene	1.151	1.313	-14.1	92	0.00
59 T	m/p-Xylene	0.991	1.105	-11.5	94	0.00
60 T	o-Xylene	1.001	1.112	-11.1	92	0.00
61 T	Styrene	0.684	0.831	-21.5	90	0.00
62	Isopropylbenzene	1.337	1.482	-10.8	91	0.00
63 T	1,1,2,2-Tetrachloroethane	0.781	0.743	4.9	88	0.00
64	n-propylbenzene	0.347	0.382	-10.1	90	0.00
65	tert-Butylbenzene	1.251	1.341	-7.2	90	0.00
66 T	Benzyl Chloride	0.567	0.705	-24.3	87	0.00
67	sec-Butylbenzene	1.756	1.880	-7.1	88	0.00
68 S	1-Bromo-4-Fluorobenzene	0.761	0.783	-2.9	86	0.00
69	p-Isopropyltoluene	1.461	1.556	-6.5	86	0.00
70	n-Butylbenzene	1.590	1.621	-1.9	86	0.00
71	2-Chlorotoluene	1.000	1.120	-12.0	90	0.00
72 T	4-Ethyltoluene	1.140	1.306	-14.6	91	0.00
73 T	1,3,5-Trimethylbenzene	1.121	1.240	-10.6	90	0.00
74 T	1,2,4-Trimethylbenzene	1.250	1.294	-3.5	89	0.00
75 T	1,3-Dichlorobenzene	0.778	0.750	3.6	87	0.00
76 T	1,4-Dichlorobenzene	0.742	0.746	-0.5	85	0.00
77 T	1,2-Dichlorobenzene	0.724	0.713	1.5	86	0.00
78 T	Hexachloro-1,3-Butadiene	0.554	0.657	-18.6	124	0.00
79 T	Naphthalene	1.153	1.458	-26.5	100	0.00
80 T	Naphthalene,2-methyl-	0.500	0.643	-28.6	88	0.00
81 T	1,2,4-Trichlorobenzene	0.669	0.744	-11.2	95	0.00

(#) = Out of Range

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