

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL031819\
 Data File : VL033359.D
 Acq On : 18 Mar 2019 14:51
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 19 07:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019
 QLast Update : Fri Mar 15 14:52:14 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	1.759	1.366	22.3	74	0.00
3	Chlorodifluoromethane	1.148	1.155	-0.6	98	0.00
4	Chloromethane	0.622	0.620	0.3	99	0.00
5 T	Vinyl Chloride	0.641	0.618	3.6	101	0.00
6 T	Bromomethane	0.381	0.391	-2.6	98	0.00
7	Chloroethane	0.224	0.229	-2.2	101	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.508	-0.7	99	0.00
9 T	Propene	0.512	0.495	3.3	98	0.00
10 T	Heptane	1.271	1.281	-0.8	95	0.00
11 T	Trichlorofluoromethane	1.751	1.744	0.4	97	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.139	2.0	96	0.00
13	Ethanol	0.244	0.117	52.0#	103	0.00
14 T	Bromoethene	0.484	0.494	-2.1	99	0.00
15 T	Acetone	1.554	1.113	28.4	95	0.00
16 T	1,3-Butadiene	0.505	0.549	-8.7	106	0.00
17	tert-Butyl alcohol	0.219	0.244	-11.4	117	0.00
18 T	1,1-Dichloroethene	0.531	0.510	4.0	95	0.00
19 T	Isopropyl Alcohol	0.739	0.828	-12.0	119	0.00
20 T	Methylene Chloride	0.507	0.419	17.4	93	0.00
21 T	Allyl Chloride	0.754	0.775	-2.8	94	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.517	-0.4	96	0.00
23 T	Vinyl Acetate	1.799	1.831	-1.8	96	0.00
24 T	1,1-Dichloroethane	1.299	1.295	0.3	97	0.00
25 T	Ethyl Acetate	2.260	2.165	4.2	95	0.00
26 T	Hexane	1.010	0.956	5.3	95	0.00
27 T	Carbon Disulfide	1.163	1.271	-9.3	96	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.524	-1.6	96	0.00
29 T	Chloroform	1.654	1.650	0.2	97	0.00
30 T	Cyclohexane	0.810	0.808	0.2	94	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.024	-1.4	95	0.00
32 T	1,1,1-Trichloroethane	1.624	1.631	-0.4	94	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
34 T	2-Butanone	0.657	0.628	4.4	94	0.00
35 T	Carbon Tetrachloride	0.705	0.749	-6.2	96	0.00
36 T	Benzene	0.895	0.887	0.9	93	0.00
37 T	1,2-Dichloroethane	0.566	0.556	1.8	94	0.00
38 T	Trichloroethene	0.339	0.338	0.3	95	0.00
39 T	1,2-Dichloropropane	0.335	0.338	-0.9	94	0.00
40 T	1,4-Dioxane	0.118	0.117	0.8	96	0.00
41 T	Tetrahydrofuran	0.350	0.360	-2.9	92	0.00
42 T	Bromodichloromethane	0.759	0.791	-4.2	94	0.00
43	Methyl Methacrylate	0.348	0.364	-4.6	93	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.500	-1.2	95	0.00
45 T	t-1,3-Dichloropropene	0.430	0.495	-15.1	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.557	-9.9	92	0.00
47 T	1,1,2-Trichloroethane	0.370	0.374	-1.1	92	0.00
48 T	Dibromochloromethane	0.621	0.673	-8.4	86	0.00
49 T	Bromoform	0.589	0.680	-15.4	97	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.925	0.3	93	0.00
51 T	2-Hexanone	0.716	0.736	-2.8	93	0.00
52 T	Tetrachloroethene	0.373	0.369	1.1	93	0.00
53 T	Toluene	1.017	1.055	-3.7	93	0.00
54 T	1,2-Dibromoethane	0.626	0.593	5.3	84	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.444	0.7	98	0.00
57 T	Chlorobenzene	0.792	0.727	8.2	95	0.00
58 T	Ethyl Benzene	1.415	1.386	2.0	96	0.00
59 T	m/p-Xylene	1.216	1.164	4.3	96	0.00
60 T	o-Xylene	1.186	1.151	3.0	98	0.00
61 T	Styrene	0.830	0.840	-1.2	95	0.00
62	Isopropylbenzene	1.649	1.600	3.0	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.792	7.6	98	0.00
64	n-propylbenzene	0.417	0.408	2.2	97	0.00
65	tert-Butylbenzene	1.484	1.424	4.0	96	0.00
66 T	Benzyl Chloride	0.613	0.726	-18.4	89	0.00
67	sec-Butylbenzene	2.104	2.034	3.3	96	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.713	3.8	93	0.00
69	p-Isopropyltoluene	1.719	1.678	2.4	95	0.00
70	n-Butylbenzene	1.833	1.776	3.1	97	0.00
71	2-Chlorotoluene	1.284	1.240	3.4	96	0.00
72 T	4-Ethyltoluene	1.347	1.337	0.7	96	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.276	2.7	96	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.307	6.0	96	0.00
75 T	1,3-Dichlorobenzene	0.819	0.748	8.7	94	0.00
76 T	1,4-Dichlorobenzene	0.793	0.748	5.7	94	0.00
77 T	1,2-Dichlorobenzene	0.776	0.728	6.2	95	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.364	21.7	86	0.00
79 T	Naphthalene	1.339	1.190	11.1	88	0.00
80 T	Naphthalene,2-methyl-	0.635	0.495	22.0	73	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.617	9.7	92	0.00

(#) = Out of Range

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