

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032119\
 Data File : VL033421.D
 Acq On : 21 Mar 2019 17:39
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 22 09:01:09 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	94	0.00
2 T	Dichlorodifluoromethane	1.759	1.350	23.3	75	0.00
3	Chlorodifluoromethane	1.148	1.183	-3.0	103	0.00
4	Chloromethane	0.622	0.640	-2.9	105	0.00
5 T	Vinyl Chloride	0.641	0.617	3.7	103	0.00
6 T	Bromomethane	0.381	0.393	-3.1	100	0.00
7	Chloroethane	0.224	0.226	-0.9	102	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.538	-2.7	103	0.00
9 T	Propene	0.512	0.518	-1.2	104	0.00
10 T	Heptane	1.271	1.370	-7.8	104	0.00
11 T	Trichlorofluoromethane	1.751	1.724	1.5	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.467	-26.2	126	0.00
13	Ethanol	0.244	0.117	52.0#	105	0.00
14 T	Bromoethene	0.484	0.502	-3.7	103	0.00
15 T	Acetone	1.554	1.096	29.5	95	0.00
16 T	1,3-Butadiene	0.505	0.484	4.2	95	0.00
17	tert-Butyl alcohol	0.219	0.221	-0.9	109	0.00
18 T	1,1-Dichloroethene	0.531	0.524	1.3	100	0.00
19 T	Isopropyl Alcohol	0.739	0.772	-4.5	113	0.00
20 T	Methylene Chloride	0.507	0.430	15.2	98	0.00
21 T	Allyl Chloride	0.754	0.790	-4.8	98	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.859	-66.8#	163#	0.00
23 T	Vinyl Acetate	1.799	1.919	-6.7	103	0.00
24 T	1,1-Dichloroethane	1.299	1.358	-4.5	104	0.00
25 T	Ethyl Acetate	2.260	2.312	-2.3	103	0.00
26 T	Hexane	1.010	1.014	-0.4	102	0.00
27 T	Carbon Disulfide	1.163	2.043	-75.7#	158#	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.639	-9.3	105	0.00
29 T	Chloroform	1.654	1.738	-5.1	105	0.00
30 T	Cyclohexane	0.810	0.884	-9.1	105	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.090	-7.9	103	0.00
32 T	1,1,1-Trichloroethane	1.624	1.727	-6.3	101	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
34 T	2-Butanone	0.657	0.627	4.6	101	0.00
35 T	Carbon Tetrachloride	0.705	0.759	-7.7	104	0.00
36 T	Benzene	0.895	0.915	-2.2	103	0.00
37 T	1,2-Dichloroethane	0.566	0.564	0.4	103	0.00
38 T	Trichloroethene	0.339	0.354	-4.4	106	0.00
39 T	1,2-Dichloropropane	0.335	0.354	-5.7	106	0.00
40 T	1,4-Dioxane	0.118	0.127	-7.6	111	0.00
41 T	Tetrahydrofuran	0.350	0.369	-5.4	102	0.00
42 T	Bromodichloromethane	0.759	0.805	-6.1	103	0.00
43	Methyl Methacrylate	0.348	0.378	-8.6	104	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.529	-3.2	104	0.00
45 T	t-1,3-Dichloropropene	0.430	0.502	-16.7	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.571	-12.6	101	0.00
47 T	1,1,2-Trichloroethane	0.370	0.381	-3.0	101	-0.01
48 T	Dibromochloromethane	0.621	0.673	-8.4	93	0.00
49 T	Bromoform	0.589	0.617	-4.8	95	0.00
50 T	4-Methyl-2-Pentanone	0.928	0.936	-0.9	101	0.00
51 T	2-Hexanone	0.716	0.718	-0.3	97	0.00
52 T	Tetrachloroethene	0.373	0.343	8.0	93	0.00
53 T	Toluene	1.017	1.092	-7.4	103	0.00
54 T	1,2-Dibromoethane	0.626	0.607	3.0	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.457	-2.2	93	0.00
57 T	Chlorobenzene	0.792	0.766	3.3	92	0.00
58 T	Ethyl Benzene	1.415	1.477	-4.4	93	0.00
59 T	m/p-Xylene	1.216	1.242	-2.1	94	0.00
60 T	o-Xylene	1.186	1.218	-2.7	95	0.00
61 T	Styrene	0.830	0.900	-8.4	94	0.00
62	Isopropylbenzene	1.649	1.693	-2.7	94	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.838	2.2	95	0.00
64	n-propylbenzene	0.417	0.427	-2.4	93	0.00
65	tert-Butylbenzene	1.484	1.526	-2.8	94	0.00
66 T	Benzyl Chloride	0.613	0.777	-26.8	87	0.00
67	sec-Butylbenzene	2.104	2.166	-2.9	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.754	-1.8	91	0.00
69	p-Isopropyltoluene	1.719	1.792	-4.2	93	0.00
70	n-Butylbenzene	1.833	1.841	-0.4	92	0.00
71	2-Chlorotoluene	1.284	1.306	-1.7	93	0.00
72 T	4-Ethyltoluene	1.347	1.394	-3.5	92	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.370	-4.4	94	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.389	0.1	93	0.00
75 T	1,3-Dichlorobenzene	0.819	0.806	1.6	93	0.00
76 T	1,4-Dichlorobenzene	0.793	0.802	-1.1	93	0.00
77 T	1,2-Dichlorobenzene	0.776	0.781	-0.6	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.554	-19.1	121	0.00
79 T	Naphthalene	1.339	1.242	7.2	85	0.00
80 T	Naphthalene,2-methyl-	0.635	0.522	17.8	70	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.645	5.6	88	0.00

(#) = Out of Range

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