

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL032019\
 Data File : VL033419.D
 Acq On : 21 Mar 2019 12:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 22 07:27:42 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	1.979	-12.5	109	0.00
3	Chlorodifluoromethane	1.148	1.191	-3.7	103	0.00
4	Chloromethane	0.622	0.623	-0.2	102	0.00
5 T	Vinyl Chloride	0.641	0.617	3.7	103	0.00
6 T	Bromomethane	0.381	0.397	-4.2	101	0.00
7	Chloroethane	0.224	0.229	-2.2	104	0.00
8 T	Dichlorotetrafluoroethane	1.497	1.583	-5.7	106	0.00
9 T	Propene	0.512	0.496	3.1	100	0.00
10 T	Heptane	1.271	1.600	-25.9	121	0.00
11 T	Trichlorofluoromethane	1.751	1.843	-5.3	105	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.162	1.217	-4.7	104	0.00
13	Ethanol	0.244	0.114	53.3#	102	0.00
14 T	Bromoethene	0.484	0.495	-2.3	102	0.00
15 T	Acetone	1.554	1.124	27.7	97	0.00
16 T	1,3-Butadiene	0.505	0.574	-13.7	113	0.00
17	tert-Butyl alcohol	0.219	0.214	2.3	105	0.00
18 T	1,1-Dichloroethene	0.531	0.544	-2.4	104	0.00
19 T	Isopropyl Alcohol	0.739	0.765	-3.5	112	0.00
20 T	Methylene Chloride	0.507	0.448	11.6	102	0.00
21 T	Allyl Chloride	0.754	0.822	-9.0	102	0.00
22 T	trans-1,2-Dichloroethene	0.515	0.652	-26.6	124	0.00
23 T	Vinyl Acetate	1.799	2.155	-19.8	115	0.00
24 T	1,1-Dichloroethane	1.299	1.550	-19.3	119	0.00
25 T	Ethyl Acetate	2.260	2.681	-18.6	119	0.00
26 T	Hexane	1.010	1.177	-16.5	119	0.00
27 T	Carbon Disulfide	1.163	1.303	-12.0	101	0.00
28 T	Methyl tert-Butyl Ether	1.500	1.789	-19.3	114	0.00
29 T	Chloroform	1.654	2.009	-21.5	121	0.00
30 T	Cyclohexane	0.810	1.009	-24.6	120	0.00
31 T	cis-1,2-Dichloroethene	1.010	1.237	-22.5	117	0.00
32 T	1,1,1-Trichloroethane	1.624	2.037	-25.4	119	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.657	0.737	-12.2	117	0.00
35 T	Carbon Tetrachloride	0.705	0.908	-28.8	123	0.00
36 T	Benzene	0.895	1.061	-18.5	118	0.00
37 T	1,2-Dichloroethane	0.566	0.673	-18.9	120	0.00
38 T	Trichloroethene	0.339	0.416	-22.7	123	0.00
39 T	1,2-Dichloropropane	0.335	0.408	-21.8	119	0.00
40 T	1,4-Dioxane	0.118	0.152	-28.8	131	0.00
41 T	Tetrahydrofuran	0.350	0.423	-20.9	115	0.00
42 T	Bromodichloromethane	0.759	0.965	-27.1	121	0.00
43	Methyl Methacrylate	0.348	0.440	-26.4	118	0.00
44 T	2,2,4-Trimethylpentane	1.482	1.806	-21.9	120	0.00
45 T	t-1,3-Dichloropropene	0.430	0.580	-34.9#	111	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.507	0.663	-30.8#	116	0.00
47 T	1,1,2-Trichloroethane	0.370	0.448	-21.1	117	0.00
48 T	Dibromochloromethane	0.621	0.820	-32.0#	111	0.00
49 T	Bromoform	0.589	0.957	-62.5#	144	0.00
50 T	4-Methyl-2-Pentanone	0.928	1.123	-21.0	119	0.00
51 T	2-Hexanone	0.716	0.882	-23.2	117	0.00
52 T	Tetrachloroethene	0.373	0.532	-42.6#	142	0.00
53 T	Toluene	1.017	1.260	-23.9	117	0.00
54 T	1,2-Dibromoethane	0.626	0.717	-14.5	107	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.541	-21.0	147	0.00
57 T	Chlorobenzene	0.792	0.887	-12.0	142	0.00
58 T	Ethyl Benzene	1.415	1.684	-19.0	142	0.00
59 T	m/p-Xylene	1.216	1.424	-17.1	144	0.02
60 T	o-Xylene	1.186	1.413	-19.1	146	0.00
61 T	Styrene	0.830	1.018	-22.7	141	0.00
62	Isopropylbenzene	1.649	1.873	-13.6	138	0.00
63 T	1,1,2,2-Tetrachloroethane	0.857	0.972	-13.4	147	0.00
64	n-propylbenzene	0.417	0.480	-15.1	139	0.00
65	tert-Butylbenzene	1.484	1.700	-14.6	140	0.00
66 T	Benzyl Chloride	0.613	0.834	-36.1#	125	0.00
67	sec-Butylbenzene	2.104	2.430	-15.5	140	0.00
68 S	1-Bromo-4-Fluorobenzene	0.741	0.692	6.6	111	0.00
69	p-Isopropyltoluene	1.719	1.997	-16.2	138	0.00
70	n-Butylbenzene	1.833	2.124	-15.9	141	0.00
71	2-Chlorotoluene	1.284	1.452	-13.1	138	0.00
72 T	4-Ethyltoluene	1.347	1.555	-15.4	136	0.00
73 T	1,3,5-Trimethylbenzene	1.312	1.500	-14.3	137	0.00
74 T	1,2,4-Trimethylbenzene	1.390	1.560	-12.2	139	0.00
75 T	1,3-Dichlorobenzene	0.819	0.892	-8.9	138	0.00
76 T	1,4-Dichlorobenzene	0.793	0.891	-12.4	137	0.00
77 T	1,2-Dichlorobenzene	0.776	0.880	-13.4	139	0.00
78 T	Hexachloro-1,3-Butadiene	0.465	0.491	-5.6	142	0.00
79 T	Naphthalene	1.339	1.076	19.6	98	0.00
80 T	Naphthalene,2-methyl-	0.635	0.405	36.2#	73	0.00
81 T	1,2,4-Trichlorobenzene	0.683	0.563	17.6	103	0.00

(#) = Out of Range

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