

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081219\
 Data File : VL034100.D
 Acq On : 12 Aug 2019 10:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 13 04:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 05 17:09:48 2019
 QLast Update : Mon Aug 05 17:09:48 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	109	0.00
2 T	Dichlorodifluoromethane	1.231	1.062	13.7	110	0.00
3	Chlorodifluoromethane	1.156	1.039	10.1	109	0.00
4	Chloromethane	0.745	0.681	8.6	108	0.00
5 T	Vinyl Chloride	0.657	0.618	5.9	108	0.00
6 T	Bromomethane	0.339	0.323	4.7	109	0.00
7	Chloroethane	0.246	0.226	8.1	110	0.00
8 T	Dichlorotetrafluoroethane	1.420	1.253	11.8	108	0.00
9 T	Propene	0.682	0.615	9.8	109	0.00
10 T	Heptane	1.763	1.565	11.2	106	0.00
11 T	Trichlorofluoromethane	1.459	1.304	10.6	109	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.030	0.904	12.2	107	0.00
13	Ethanol	0.192	0.118	38.5#	108	0.00
14 T	Bromoethene	0.460	0.417	9.3	106	0.00
15 T	Acetone	1.429	1.137	20.4	107	0.00
16 T	1,3-Butadiene	0.695	0.620	10.8	105	0.00
17	tert-Butyl alcohol	1.333	1.177	11.7	102	0.00
18 T	1,1-Dichloroethene	0.487	0.426	12.5	105	0.00
19 T	Isopropyl Alcohol	1.113	0.950	14.6	107	0.00
20 T	Methylene Chloride	0.429	0.378	11.9	108	0.00
21 T	Allyl Chloride	0.989	0.863	12.7	103	0.00
22 T	trans-1,2-Dichloroethene	0.473	0.433	8.5	107	0.00
23 T	Vinyl Acetate	2.369	2.051	13.4	104	0.00
24 T	1,1-Dichloroethane	1.410	1.276	9.5	108	0.00
25 T	Ethyl Acetate	2.811	2.409	14.3	105	0.00
26 T	Hexane	1.191	1.043	12.4	107	0.00
27 T	Carbon Disulfide	1.256	1.156	8.0	104	0.00
28 T	Methyl tert-Butyl Ether	1.992	1.761	11.6	106	0.00
29 T	Chloroform	1.620	1.512	6.7	112	0.00
30 T	Cyclohexane	0.941	0.866	8.0	110	0.00
31 T	cis-1,2-Dichloroethene	1.177	1.095	7.0	111	0.00
32 T	1,1,1-Trichloroethane	1.603	1.462	8.8	110	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
34 T	2-Butanone	0.930	0.853	8.3	108	0.00
35 T	Carbon Tetrachloride	0.768	0.695	9.5	106	0.00
36 T	Benzene	1.137	1.044	8.2	109	0.00
37 T	1,2-Dichloroethane	0.611	0.600	1.8	111	0.00
38 T	Trichloroethene	0.440	0.347	21.1	104	0.00
39 T	1,2-Dichloropropane	0.459	0.434	5.4	109	0.00
40 T	1,4-Dioxane	0.173	0.165	4.6	114	0.00
41 T	Tetrahydrofuran	0.572	0.533	6.8	107	0.00
42 T	Bromodichloromethane	0.857	0.824	3.9	110	0.00
43	Methyl Methacrylate	0.466	0.444	4.7	108	0.00
44 T	2,2,4-Trimethylpentane	2.035	1.755	13.8	107	0.00
45 T	t-1,3-Dichloropropene	0.591	0.595	-0.7	108	0.00

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46 T	cis-1,3-Dichloropropene	0.682	0.670	1.8	108	0.00
47 T	1,1,2-Trichloroethane	0.438	0.422	3.7	110	0.00
48 T	Dibromochloromethane	0.703	0.657	6.5	104	0.00
49 T	Bromoform	0.629	0.588	6.5	102	0.00
50 T	4-Methyl-2-Pentanone	1.415	1.243	12.2	106	0.00
51 T	2-Hexanone	1.189	1.085	8.7	107	0.00
52 T	Tetrachloroethene	0.439	0.344	21.6	100	0.00
53 T	Toluene	1.312	1.174	10.5	107	0.00
54 T	1,2-Dibromoethane	0.664	0.612	7.8	106	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
56	1,1,1,2-Tetrachloroethane	0.457	0.398	12.9	104	0.00
57 T	Chlorobenzene	0.901	0.747	17.1	103	0.00
58 T	Ethyl Benzene	1.682	1.425	15.3	107	0.00
59 T	m/p-Xylene	1.350	1.140	15.6	108	0.00
60 T	o-Xylene	1.349	1.119	17.0	106	0.00
61 T	Styrene	1.071	0.921	14.0	104	0.00
62	Isopropylbenzene	1.811	1.463	19.2	104	0.00
63 T	1,1,2,2-Tetrachloroethane	0.974	0.800	17.9	109	0.00
64	n-propylbenzene	0.479	0.389	18.8	101	0.00
65	tert-Butylbenzene	1.613	1.259	21.9	102	0.00
66 T	Benzyl Chloride	0.893	0.811	9.2	98	0.00
67	sec-Butylbenzene	2.276	1.773	22.1	104	0.00
68 S	1-Bromo-4-Fluorobenzene	0.811	0.803	1.0	105	0.00
69	p-Isopropyltoluene	1.878	1.454	22.6	101	0.00
70	n-Butylbenzene	2.025	1.611	20.4	107	0.00
71	2-Chlorotoluene	1.456	1.204	17.3	107	0.00
72 T	4-Ethyltoluene	1.588	1.314	17.3	105	0.00
73 T	1,3,5-Trimethylbenzene	1.527	1.258	17.6	105	0.00
74 T	1,2,4-Trimethylbenzene	1.589	1.241	21.9	104	0.00
75 T	1,3-Dichlorobenzene	0.890	0.707	20.6	101	0.00
76 T	1,4-Dichlorobenzene	0.909	0.725	20.2	101	0.00
77 T	1,2-Dichlorobenzene	0.877	0.700	20.2	101	0.00
78 T	Hexachloro-1,3-Butadiene	0.695	0.599	13.8	119	0.00
79 T	Naphthalene	1.650	1.270	23.0	102	0.00
80 T	Naphthalene,2-methyl-	0.517	0.696	-34.6#	184#	0.00
81 T	1,2,4-Trichlorobenzene	0.916	0.688	24.9	99	0.00

(#) = Out of Range

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