

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031219\
 Data File : VL033297.D
 Acq On : 13 Mar 2019 00:14
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 13 09:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Mar 13 07:17:55 2019
 QLast Update : Wed Mar 13 07:17:55 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 T	Dichlorodifluoromethane	2.020	1.501	25.7	49	0.00
3	Chlorodifluoromethane	1.326	1.174	11.5	61	0.00
4	Chloromethane	0.709	0.628	11.4	61	0.00
5 T	Vinyl Chloride	0.693	0.613	11.5	61	0.00
6 T	Bromomethane	0.423	0.384	9.2	62	0.00
7	Chloroethane	0.250	0.235	6.0	66	0.00
8 T	Dichlorotetrafluoroethane	1.707	1.500	12.1	62	0.00
9 T	Propene	0.605	0.528	12.7	61	0.00
10 T	Heptane	1.362	1.310	3.8	92	0.00
11 T	Trichlorofluoromethane	1.999	1.613	19.3	73	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.144	1.115	2.5	94	0.00
13	Ethanol	0.184	0.116	37.0#	69	0.00
14 T	Bromoethene	0.534	0.478	10.5	95	0.00
15 T	Acetone	1.534	1.160	24.4	81	0.00
16 T	1,3-Butadiene	0.554	0.481	13.2	59	0.00
17	tert-Butyl alcohol	0.206	0.203	1.5	95	0.00
18 T	1,1-Dichloroethene	0.506	0.505	0.2	95	0.00
19 T	Isopropyl Alcohol	0.927	0.700	24.5	78	0.00
20 T	Methylene Chloride	0.510	0.431	15.5	92	0.00
21 T	Allyl Chloride	0.763	0.771	-1.0	93	0.00
22 T	trans-1,2-Dichloroethene	0.540	0.502	7.0	79	0.00
23 T	Vinyl Acetate	1.922	1.897	1.3	93	0.00
24 T	1,1-Dichloroethane	1.394	1.308	6.2	79	0.00
25 T	Ethyl Acetate	2.364	2.191	7.3	93	0.00
26 T	Hexane	1.110	0.986	11.2	92	0.00
27 T	Carbon Disulfide	1.177	1.227	-4.2	92	0.00
28 T	Methyl tert-Butyl Ether	1.575	1.507	4.3	86	0.00
29 T	Chloroform	1.688	1.631	3.4	94	0.00
30 T	Cyclohexane	0.860	0.828	3.7	93	0.00
31 T	cis-1,2-Dichloroethene	1.064	1.025	3.7	93	0.00
32 T	1,1,1-Trichloroethane	1.645	1.560	5.2	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
34 T	2-Butanone	0.661	0.646	2.3	95	0.00
35 T	Carbon Tetrachloride	0.731	0.712	2.6	93	0.00
36 T	Benzene	0.922	0.894	3.0	94	0.00
37 T	1,2-Dichloroethane	0.553	0.527	4.7	92	0.00
38 T	Trichloroethene	0.359	0.337	6.1	94	0.00
39 T	1,2-Dichloropropane	0.347	0.339	2.3	93	0.00
40 T	1,4-Dioxane	0.131	0.120	8.4	96	0.00
41 T	Tetrahydrofuran	0.367	0.355	3.3	91	0.00
42 T	Bromodichloromethane	0.761	0.768	-0.9	94	0.00
43	Methyl Methacrylate	0.359	0.363	-1.1	93	0.00
44 T	2,2,4-Trimethylpentane	1.567	1.483	5.4	94	0.00
45 T	t-1,3-Dichloropropene	0.442	0.488	-10.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.518	0.562	-8.5	95	0.00
47 T	1,1,2-Trichloroethane	0.371	0.373	-0.5	97	0.00
48 T	Dibromochloromethane	0.608	0.637	-4.8	94	0.00
49 T	Bromoform	0.493	0.551	-11.8	95	0.00
50 T	4-Methyl-2-Pentanone	0.944	0.940	0.4	95	0.00
51 T	2-Hexanone	0.720	0.720	0.0	93	0.00
52 T	Tetrachloroethene	0.338	0.325	3.8	92	0.00
53 T	Toluene	1.063	1.049	1.3	94	0.00
54 T	1,2-Dibromoethane	0.570	0.577	-1.2	95	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
56	1,1,1,2-Tetrachloroethane	0.425	0.400	5.9	95	0.00
57 T	Chlorobenzene	0.754	0.689	8.6	94	0.00
58 T	Ethyl Benzene	1.374	1.300	5.4	93	0.00
59 T	m/p-Xylene	1.149	1.092	5.0	94	0.02
60 T	o-Xylene	1.105	1.076	2.6	98	0.00
61 T	Styrene	0.787	0.794	-0.9	97	0.00
62	Isopropylbenzene	1.540	1.505	2.3	99	0.00
63 T	1,1,2,2-Tetrachloroethane	0.741	0.727	1.9	101	0.00
64	n-propylbenzene	0.379	0.381	-0.5	98	0.00
65	tert-Butylbenzene	1.299	1.301	-0.2	100	0.00
66 T	Benzyl Chloride	0.503	0.643	-27.8	100	0.00
67	sec-Butylbenzene	1.849	1.868	-1.0	101	0.00
68 S	1-Bromo-4-Fluorobenzene	0.772	0.743	3.8	93	0.00
69	p-Isopropyltoluene	1.494	1.515	-1.4	98	0.00
70	n-Butylbenzene	1.604	1.598	0.4	95	0.00
71	2-Chlorotoluene	1.160	1.169	-0.8	101	0.00
72 T	4-Ethyltoluene	1.193	1.236	-3.6	99	0.00
73 T	1,3,5-Trimethylbenzene	1.125	1.178	-4.7	100	0.00
74 T	1,2,4-Trimethylbenzene	1.145	1.191	-4.0	99	0.00
75 T	1,3-Dichlorobenzene	0.686	0.684	0.3	99	0.00
76 T	1,4-Dichlorobenzene	0.679	0.690	-1.6	98	0.00
77 T	1,2-Dichlorobenzene	0.683	0.659	3.5	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.569	0.532	6.5	106	0.00
79 T	Naphthalene	1.240	1.298	-4.7	72	0.00
80 T	Naphthalene,2-methyl-	0.340	0.753	-121.5#	108	0.00
81 T	1,2,4-Trichlorobenzene	0.653	0.622	4.7	75	0.00

(#) = Out of Range

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