

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031319\
 Data File : VL033315.D
 Acq On : 14 Mar 2019 14:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 15 03:15:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031319AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 14 00:01:31 2019
 QLast Update : Thu Mar 14 00:01:31 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	102	0.00
2 T	Dichlorodifluoromethane	1.850	1.975	-6.8	101	0.00
3	Chlorodifluoromethane	1.304	1.179	9.6	98	0.00
4	Chloromethane	0.706	0.620	12.2	95	0.00
5 T	Vinyl Chloride	0.707	0.611	13.6	97	0.00
6 T	Bromomethane	0.426	0.379	11.0	94	0.00
7	Chloroethane	0.253	0.233	7.9	96	0.00
8 T	Dichlorotetrafluoroethane	1.690	1.510	10.7	98	0.00
9 T	Propene	0.589	0.517	12.2	93	0.00
10 T	Heptane	1.439	1.397	2.9	101	0.00
11 T	Trichlorofluoromethane	1.859	1.761	5.3	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.253	1.175	6.2	104	0.00
13	Ethanol	0.180	0.131	27.2	110	0.00
14 T	Bromoethene	0.521	0.498	4.4	101	0.00
15 T	Acetone	1.375	1.117	18.8	103	0.00
16 T	1,3-Butadiene	0.563	0.475	15.6	87	0.00
17	tert-Butyl alcohol	0.240	0.225	6.2	101	0.00
18 T	1,1-Dichloroethene	0.554	0.544	1.8	102	0.00
19 T	Isopropyl Alcohol	0.841	0.763	9.3	104	0.00
20 T	Methylene Chloride	0.557	0.458	17.8	103	0.00
21 T	Allyl Chloride	0.830	0.822	1.0	102	0.00
22 T	trans-1,2-Dichloroethene	0.558	0.543	2.7	101	0.00
23 T	Vinyl Acetate	1.996	1.926	3.5	96	0.00
24 T	1,1-Dichloroethane	1.444	1.326	8.2	94	0.00
25 T	Ethyl Acetate	2.505	2.349	6.2	101	0.00
26 T	Hexane	1.170	1.049	10.3	102	0.00
27 T	Carbon Disulfide	1.252	1.308	-4.5	99	0.00
28 T	Methyl tert-Butyl Ether	1.682	1.571	6.6	91	0.00
29 T	Chloroform	1.819	1.761	3.2	105	0.00
30 T	Cyclohexane	0.909	0.874	3.9	98	0.00
31 T	cis-1,2-Dichloroethene	1.127	1.097	2.7	97	0.00
32 T	1,1,1-Trichloroethane	1.766	1.725	2.3	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.691	0.645	6.7	92	0.00
35 T	Carbon Tetrachloride	0.769	0.802	-4.3	105	0.00
36 T	Benzene	0.982	0.965	1.7	99	0.00
37 T	1,2-Dichloroethane	0.587	0.593	-1.0	106	0.00
38 T	Trichloroethene	0.388	0.367	5.4	102	0.00
39 T	1,2-Dichloropropane	0.377	0.365	3.2	99	0.00
40 T	1,4-Dioxane	0.136	0.136	0.0	102	0.00
41 T	Tetrahydrofuran	0.384	0.396	-3.1	102	0.00
42 T	Bromodichloromethane	0.822	0.849	-3.3	102	0.00
43	Methyl Methacrylate	0.391	0.398	-1.8	100	0.00
44 T	2,2,4-Trimethylpentane	1.679	1.628	3.0	101	0.00
45 T	t-1,3-Dichloropropene	0.459	0.528	-15.0	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.552	0.601	-8.9	100	0.00
47 T	1,1,2-Trichloroethane	0.404	0.395	2.2	98	0.00
48 T	Dibromochloromethane	0.664	0.718	-8.1	103	0.00
49 T	Bromoform	0.575	0.709	-23.3	102	0.00
50 T	4-Methyl-2-Pentanone	1.002	0.998	0.4	101	0.00
51 T	2-Hexanone	0.765	0.789	-3.1	101	0.00
52 T	Tetrachloroethene	0.403	0.356	11.7	89	0.00
53 T	Toluene	1.125	1.141	-1.4	98	0.00
54 T	1,2-Dibromoethane	0.644	0.639	0.8	101	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
56	1,1,1,2-Tetrachloroethane	0.449	0.450	-0.2	101	0.00
57 T	Chlorobenzene	0.807	0.753	6.7	99	0.00
58 T	Ethyl Benzene	1.436	1.423	0.9	98	0.00
59 T	m/p-Xylene	1.207	1.197	0.8	99	0.00
60 T	o-Xylene	1.164	1.169	-0.4	101	0.00
61 T	Styrene	0.817	0.867	-6.1	99	0.00
62	Isopropylbenzene	1.638	1.635	0.2	101	0.00
63 T	1,1,2,2-Tetrachloroethane	0.839	0.805	4.1	102	0.00
64	n-propylbenzene	0.406	0.413	-1.7	99	0.00
65	tert-Butylbenzene	1.384	1.460	-5.5	102	0.00
66 T	Benzyl Chloride	0.551	0.732	-32.8#	101	0.00
67	sec-Butylbenzene	1.990	2.075	-4.3	103	0.00
68 S	1-Bromo-4-Fluorobenzene	0.764	0.742	2.9	99	0.00
69	p-Isopropyltoluene	1.590	1.712	-7.7	103	0.00
70	n-Butylbenzene	1.663	1.784	-7.3	102	0.00
71	2-Chlorotoluene	1.227	1.259	-2.6	100	0.00
72 T	4-Ethyltoluene	1.247	1.362	-9.2	102	0.00
73 T	1,3,5-Trimethylbenzene	1.173	1.307	-11.4	101	0.00
74 T	1,2,4-Trimethylbenzene	1.197	1.327	-10.9	102	0.00
75 T	1,3-Dichlorobenzene	0.749	0.756	-0.9	102	0.00
76 T	1,4-Dichlorobenzene	0.731	0.754	-3.1	101	0.00
77 T	1,2-Dichlorobenzene	0.729	0.741	-1.6	103	0.00
78 T	Hexachloro-1,3-Butadiene	0.538	0.428	20.4	76	0.00
79 T	Naphthalene	0.983	1.344	-36.7#	100	0.00
80 T	Naphthalene,2-methyl-	0.275	0.530	-92.7#	85	0.00
81 T	1,2,4-Trichlorobenzene	0.559	0.668	-19.5	99	0.00

(#) = Out of Range

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