

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034067.D
 Acq On : 30 Jul 2019 18:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 30 20:58:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 30 06:55:18 2019
 QLast Update : Tue Jul 30 06:55:18 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	112	0.00
2 T	Dichlorodifluoromethane	1.921	1.475	23.2	86	0.00
3	Chlorodifluoromethane	1.154	1.040	9.9	94	0.00
4	Chloromethane	0.677	0.553	18.3	79	0.00
5 T	Vinyl Chloride	0.746	0.591	20.8	77	0.00
6 T	Bromomethane	0.470	0.366	22.1	70	0.00
7	Chloroethane	0.302	0.222	26.5	69	0.00
8 T	Dichlorotetrafluoroethane	1.913	1.463	23.5	74	0.00
9 T	Propene	0.414	0.430	-3.9	104	0.00
10 T	Heptane	1.130	1.200	-6.2	121	0.00
11 T	Trichlorofluoromethane	2.136	1.457	31.8#	65	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.437	1.055	26.6	93	0.00
13	Ethanol	0.165	0.126	23.6	104	0.00
14 T	Bromoethene	0.607	0.466	23.2	76	0.00
15 T	Acetone	1.520	1.043	31.4#	69	0.00
16 T	1,3-Butadiene	0.590	0.609	-3.2	87	0.00
17	tert-Butyl alcohol	1.250	1.074	14.1	98	0.00
18 T	1,1-Dichloroethene	0.651	0.496	23.8	90	0.00
19 T	Isopropyl Alcohol	1.038	0.879	15.3	79	0.00
20 T	Methylene Chloride	0.581	0.418	28.1	91	0.00
21 T	Allyl Chloride	0.960	0.769	19.9	97	0.00
22 T	trans-1,2-Dichloroethene	0.674	0.488	27.6	86	0.00
23 T	Vinyl Acetate	1.628	1.605	1.4	111	0.00
24 T	1,1-Dichloroethane	1.446	1.189	17.8	98	0.00
25 T	Ethyl Acetate	2.260	2.221	1.7	116	0.00
26 T	Hexane	1.022	1.018	0.4	117	0.00
27 T	Carbon Disulfide	1.592	1.229	22.8	90	0.00
28 T	Methyl tert-Butyl Ether	1.740	1.590	8.6	103	0.00
29 T	Chloroform	1.867	1.613	13.6	106	0.00
30 T	Cyclohexane	1.039	1.144	-10.1	121	0.00
31 T	cis-1,2-Dichloroethene	0.996	1.017	-2.1	112	0.00
32 T	1,1,1-Trichloroethane	1.960	1.561	20.4	105	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
34 T	2-Butanone	0.412	0.372	9.7	109	0.00
35 T	Carbon Tetrachloride	0.706	0.648	8.2	139	0.00
36 T	Benzene	0.666	0.613	8.0	121	0.00
37 T	1,2-Dichloroethane	0.457	0.348	23.9	98	0.00
38 T	Trichloroethene	0.279	0.245	12.2	110	0.00
39 T	1,2-Dichloropropane	0.270	0.226	16.3	113	0.00
40 T	1,4-Dioxane	0.107	0.095	11.2	120	0.00
41 T	Tetrahydrofuran	0.209	0.227	-8.6	127	0.00
42 T	Bromodichloromethane	0.632	0.526	16.8	109	0.00
43	Methyl Methacrylate	0.237	0.244	-3.0	119	0.00
44 T	2,2,4-Trimethylpentane	1.105	1.026	7.1	120	0.00
45 T	t-1,3-Dichloropropene	0.305	0.301	1.3	105	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.343	0.353	-2.9	110	0.00
47 T	1,1,2-Trichloroethane	0.281	0.258	8.2	116	0.00
48 T	Dibromochloromethane	0.536	0.438	18.3	76	0.00
49 T	Bromoform	0.468	0.381	18.6	98	0.00
50 T	4-Methyl-2-Pentanone	0.611	0.610	0.2	120	0.00
51 T	2-Hexanone	0.508	0.501	1.4	86	0.00
52 T	Tetrachloroethene	0.261	0.234	10.3	111	0.00
53 T	Toluene	0.695	0.726	-4.5	117	0.00
54 T	1,2-Dibromoethane	0.417	0.398	4.6	117	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.401	10.3	104	0.00
57 T	Chlorobenzene	0.775	0.702	9.4	104	0.00
58 T	Ethyl Benzene	1.183	1.279	-8.1	107	0.00
59 T	m/p-Xylene	1.076	1.035	3.8	103	0.00
60 T	o-Xylene	1.069	1.025	4.1	102	0.00
61 T	Styrene	0.706	0.758	-7.4	102	0.00
62	Isopropylbenzene	1.433	1.407	1.8	105	0.00
63 T	1,1,2,2-Tetrachloroethane	0.821	0.730	11.1	105	0.00
64	n-propylbenzene	0.371	0.362	2.4	105	0.00
65	tert-Butylbenzene	1.321	1.242	6.0	104	0.00
66 T	Benzyl Chloride	0.663	0.560	15.5	84	0.00
67	sec-Butylbenzene	1.877	1.782	5.1	106	0.00
68 S	1-Bromo-4-Fluorobenzene	0.790	0.759	3.9	102	0.00
69	p-Isopropyltoluene	1.530	1.463	4.4	106	0.00
70	n-Butylbenzene	1.620	1.554	4.1	107	0.00
71	2-Chlorotoluene	1.040	1.086	-4.4	107	0.00
72 T	4-Ethyltoluene	1.209	1.212	-0.2	101	0.00
73 T	1,3,5-Trimethylbenzene	1.230	1.157	5.9	101	0.00
74 T	1,2,4-Trimethylbenzene	1.352	1.188	12.1	102	0.00
75 T	1,3-Dichlorobenzene	0.843	0.689	18.3	99	0.00
76 T	1,4-Dichlorobenzene	0.796	0.686	13.8	101	0.00
77 T	1,2-Dichlorobenzene	0.776	0.687	11.5	105	0.00
78 T	Hexachloro-1,3-Butadiene	0.714	0.593	16.9	110	0.00
79 T	Naphthalene	1.178	1.070	9.2	99	0.00
80 T	Naphthalene,2-methyl-	0.411	0.343	16.5	98	0.00
81 T	1,2,4-Trichlorobenzene	0.760	0.616	18.9	95	0.00

(#) = Out of Range

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