

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL090519\
 Data File : VL034136.D
 Acq On : 5 Sep 2019 15:04
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 06 05:11:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 05 10:21:45 2019
 QLast Update : Thu Sep 05 10:21:45 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	76	0.00
2 T	Dichlorodifluoromethane	1.649	1.259	23.7	62	0.00
3	Chlorodifluoromethane	1.115	1.122	-0.6	84	0.00
4	Chloromethane	0.697	0.621	10.9	72	0.00
5 T	Vinyl Chloride	0.635	0.569	10.4	75	0.00
6 T	Bromomethane	0.313	0.305	2.6	78	0.00
7	Chloroethane	0.216	0.209	3.2	77	0.00
8 T	Dichlorotetrafluoroethane	1.328	1.227	7.6	78	0.00
9 T	Propene	0.624	0.577	7.5	75	0.00
10 T	Heptane	1.619	1.537	5.1	79	0.00
11 T	Trichlorofluoromethane	1.345	1.250	7.1	77	0.00
12 T	1,1,2-Trichlorotrifluoroeth	0.900	0.845	6.1	76	0.00
13	Ethanol	0.122	0.146	-19.7	112	0.00
14 T	Bromoethene	0.390	0.379	2.8	78	0.00
15 T	Acetone	1.205	1.081	10.3	78	0.00
16 T	1,3-Butadiene	0.610	0.580	4.9	77	0.00
17	tert-Butyl alcohol	0.875	0.982	-12.2	90	0.00
18 T	1,1-Dichloroethene	0.411	0.399	2.9	76	0.00
19 T	Isopropyl Alcohol	0.813	0.921	-13.3	98	0.00
20 T	Methylene Chloride	0.398	0.347	12.8	75	0.00
21 T	Allyl Chloride	0.795	0.761	4.3	76	0.00
22 T	trans-1,2-Dichloroethene	0.412	0.392	4.9	76	0.00
23 T	Vinyl Acetate	2.045	1.953	4.5	76	0.00
24 T	1,1-Dichloroethane	1.357	1.246	8.2	76	0.00
25 T	Ethyl Acetate	2.646	2.323	12.2	77	0.00
26 T	Hexane	1.176	1.022	13.1	79	0.00
27 T	Carbon Disulfide	1.062	1.020	4.0	73	0.00
28 T	Methyl tert-Butyl Ether	1.723	1.599	7.2	75	0.00
29 T	Chloroform	1.586	1.474	7.1	77	0.00
30 T	Cyclohexane	0.850	0.828	2.6	78	0.00
31 T	cis-1,2-Dichloroethene	1.126	1.058	6.0	75	0.00
32 T	1,1,1-Trichloroethane	1.499	1.371	8.5	75	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
34 T	2-Butanone	0.961	0.853	11.2	77	0.00
35 T	Carbon Tetrachloride	0.780	0.674	13.6	74	0.00
36 T	Benzene	1.143	1.030	9.9	77	0.00
37 T	1,2-Dichloroethane	0.701	0.617	12.0	76	0.00
38 T	Trichloroethene	0.427	0.331	22.5	76	0.00
39 T	1,2-Dichloropropane	0.489	0.438	10.4	77	0.00
40 T	1,4-Dioxane	0.180	0.161	10.6	89	0.00
41 T	Tetrahydrofuran	0.576	0.527	8.5	76	0.00
42 T	Bromodichloromethane	0.914	0.832	9.0	75	0.00
43	Methyl Methacrylate	0.471	0.449	4.7	77	0.00
44 T	2,2,4-Trimethylpentane	2.107	1.820	13.6	79	0.00
45 T	t-1,3-Dichloropropene	0.553	0.516	6.7	68	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.673	0.618	8.2	72	0.00
47 T	1,1,2-Trichloroethane	0.446	0.404	9.4	77	0.00
48 T	Dibromochloromethane	0.665	0.635	4.5	77	0.00
49 T	Bromoform	0.583	0.548	6.0	75	0.00
50 T	4-Methyl-2-Pentanone	1.467	1.279	12.8	79	0.00
51 T	2-Hexanone	1.267	1.096	13.5	77	0.00
52 T	Tetrachloroethene	0.403	0.328	18.6	78	0.00
53 T	Toluene	1.264	1.158	8.4	78	0.00
54 T	1,2-Dibromoethane	0.664	0.612	7.8	78	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
56	1,1,1,2-Tetrachloroethane	0.429	0.377	12.1	78	0.00
57 T	Chlorobenzene	0.860	0.716	16.7	77	0.00
58 T	Ethyl Benzene	1.640	1.412	13.9	80	0.00
59 T	m/p-Xylene	1.338	1.131	15.5	79	0.00
60 T	o-Xylene	1.332	1.113	16.4	79	0.00
61 T	Styrene	0.997	0.835	16.2	74	0.00
62	Isopropylbenzene	1.734	1.489	14.1	82	0.00
63 T	1,1,2,2-Tetrachloroethane	1.086	0.818	24.7	81	0.00
64	n-propylbenzene	0.434	0.387	10.8	80	0.00
65	tert-Butylbenzene	1.496	1.259	15.8	82	0.00
66 T	Benzyl Chloride	0.552	0.486	12.0	57	0.00
67	sec-Butylbenzene	2.151	1.830	14.9	83	0.00
68 S	1-Bromo-4-Fluorobenzene	0.818	0.760	7.1	75	0.00
69	p-Isopropyltoluene	1.721	1.493	13.2	84	0.00
70	n-Butylbenzene	1.959	1.692	13.6	85	0.00
71	2-Chlorotoluene	1.416	1.232	13.0	81	0.00
72 T	4-Ethyltoluene	1.503	1.287	14.4	79	0.00
73 T	1,3,5-Trimethylbenzene	1.461	1.246	14.7	80	0.00
74 T	1,2,4-Trimethylbenzene	1.504	1.242	17.4	82	0.00
75 T	1,3-Dichlorobenzene	0.797	0.670	15.9	81	0.00
76 T	1,4-Dichlorobenzene	0.835	0.692	17.1	79	0.00
77 T	1,2-Dichlorobenzene	0.816	0.692	15.2	81	0.00
78 T	Hexachloro-1,3-Butadiene	0.557	0.536	3.8	96	0.00
79 T	Naphthalene	1.360	1.208	11.2	81	0.00
80 T	Naphthalene,2-methyl-	0.472	0.458	3.0	51	0.00
81 T	1,2,4-Trichlorobenzene	0.740	0.612	17.3	78	0.00

(#) = Out of Range

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