

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070819\
 Data File : VL034015.D
 Acq On : 8 Jul 2019 17:19
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 09 05:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 02 19:31:31 2019
 QLast Update : Tue Jul 02 19:31:31 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	98	0.00
2 T	Dichlorodifluoromethane	2.064	1.624	21.3	91	0.00
3	Chlorodifluoromethane	1.235	1.151	6.8	99	0.00
4	Chloromethane	0.710	0.669	5.8	101	0.00
5 T	Vinyl Chloride	0.798	0.734	8.0	101	0.00
6 T	Bromomethane	0.471	0.478	-1.5	103	0.00
7	Chloroethane	0.285	0.279	2.1	100	0.00
8 T	Dichlorotetrafluoroethane	2.012	1.904	5.4	101	0.00
9 T	Propene	0.454	0.437	3.7	100	0.00
10 T	Heptane	1.137	1.267	-11.4	100	0.00
11 T	Trichlorofluoromethane	2.321	2.045	11.9	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.642	1.468	10.6	101	0.00
13	Ethanol	0.141	0.132	6.4	109	0.00
14 T	Bromoethene	0.613	0.635	-3.6	103	0.00
15 T	Acetone	1.681	1.382	17.8	100	0.00
16 T	1,3-Butadiene	0.594	0.610	-2.7	101	0.00
17	tert-Butyl alcohol	1.340	1.312	2.1	101	0.00
18 T	1,1-Dichloroethene	0.732	0.685	6.4	101	0.00
19 T	Isopropyl Alcohol	1.129	1.044	7.5	101	0.00
20 T	Methylene Chloride	0.733	0.598	18.4	101	0.00
21 T	Allyl Chloride	1.048	1.004	4.2	101	0.00
22 T	trans-1,2-Dichloroethene	0.697	0.728	-4.4	105	0.00
23 T	Vinyl Acetate	1.678	1.827	-8.9	100	0.00
24 T	1,1-Dichloroethane	1.487	1.516	-2.0	104	0.00
25 T	Ethyl Acetate	2.300	2.415	-5.0	103	0.00
26 T	Hexane	1.052	1.109	-5.4	104	0.00
27 T	Carbon Disulfide	1.789	1.795	-0.3	102	0.00
28 T	Methyl tert-Butyl Ether	1.782	1.899	-6.6	99	0.00
29 T	Chloroform	1.978	1.930	2.4	103	0.00
30 T	Cyclohexane	0.813	0.928	-14.1	105	0.00
31 T	cis-1,2-Dichloroethene	1.017	1.151	-13.2	103	0.00
32 T	1,1,1-Trichloroethane	2.004	1.880	6.2	99	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
34 T	2-Butanone	0.529	0.573	-8.3	102	0.00
35 T	Carbon Tetrachloride	0.792	0.791	0.1	100	0.00
36 T	Benzene	0.782	0.882	-12.8	102	0.00
37 T	1,2-Dichloroethane	0.576	0.586	-1.7	100	0.00
38 T	Trichloroethene	0.348	0.389	-11.8	103	0.00
39 T	1,2-Dichloropropane	0.291	0.318	-9.3	101	0.00
40 T	1,4-Dioxane	0.134	0.149	-11.2	109	0.00
41 T	Tetrahydrofuran	0.260	0.295	-13.5	99	0.00
42 T	Bromodichloromethane	0.773	0.827	-7.0	103	0.00
43	Methyl Methacrylate	0.297	0.361	-21.5	104	0.00
44 T	2,2,4-Trimethylpentane	1.351	1.492	-10.4	103	0.00
45 T	t-1,3-Dichloropropene	0.388	0.500	-28.9	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.450	0.550	-22.2	101	0.00
47 T	1,1,2-Trichloroethane	0.366	0.386	-5.5	102	0.00
48 T	Dibromochloromethane	0.698	0.715	-2.4	101	0.00
49 T	Bromoform	0.596	0.664	-11.4	103	0.00
50 T	4-Methyl-2-Pentanone	0.785	0.860	-9.6	100	0.00
51 T	2-Hexanone	0.633	0.709	-12.0	100	0.00
52 T	Tetrachloroethene	0.337	0.365	-8.3	100	0.00
53 T	Toluene	0.896	1.073	-19.8	101	0.00
54 T	1,2-Dibromoethane	0.540	0.599	-10.9	102	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.447	0.438	2.0	102	0.00
57 T	Chlorobenzene	0.796	0.774	2.8	102	0.00
58 T	Ethyl Benzene	1.203	1.378	-14.5	104	0.00
59 T	m/p-Xylene	1.089	1.165	-7.0	104	0.00
60 T	o-Xylene	1.089	1.147	-5.3	104	0.00
61 T	Styrene	0.721	0.853	-18.3	103	0.00
62	Isopropylbenzene	1.675	1.530	8.7	77	0.00
63 T	1,1,2,2-Tetrachloroethane	0.843	0.791	6.2	102	-0.01
64	n-propylbenzene	0.434	0.391	9.9	76	0.00
65	tert-Butylbenzene	1.424	1.378	3.2	77	0.00
66 T	Benzyl Chloride	0.729	0.765	-4.9	75	0.00
67	sec-Butylbenzene	1.999	1.923	3.8	78	0.00
68 S	1-Bromo-4-Fluorobenzene	0.853	0.740	13.2	75	0.00
69	p-Isopropyltoluene	1.648	1.594	3.3	78	0.00
70	n-Butylbenzene	1.731	1.656	4.3	77	0.00
71	2-Chlorotoluene	1.225	1.144	6.6	75	0.00
72 T	4-Ethyltoluene	1.399	1.331	4.9	78	0.00
73 T	1,3,5-Trimethylbenzene	1.302	1.287	1.2	77	0.00
74 T	1,2,4-Trimethylbenzene	1.442	1.339	7.1	76	0.00
75 T	1,3-Dichlorobenzene	0.916	0.798	12.9	76	-0.01
76 T	1,4-Dichlorobenzene	0.862	0.789	8.5	78	0.00
77 T	1,2-Dichlorobenzene	0.848	0.763	10.0	77	0.00
78 T	Hexachloro-1,3-Butadiene	0.722	0.695	3.7	95	0.00
79 T	Naphthalene	1.212	1.232	-1.7	79	-0.01
80 T	Naphthalene,2-methyl-	0.441	0.641	-45.4#	120	0.00
81 T	1,2,4-Trichlorobenzene	0.778	0.730	6.2	78	0.00

(#) = Out of Range

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