

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL071620\
 Data File : VL035190.D
 Acq On : 16 Jul 2020 9:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 17 05:53:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 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	97	-0.02
2 T	Dichlorodifluoromethane	1.401	1.024	26.9	84	-0.01
3	Chlorodifluoromethane	1.105	1.028	7.0	106	-0.01
4	Chloromethane	0.623	0.593	4.8	109	-0.01
5 T	Vinyl Chloride	0.665	0.588	11.6	105	-0.01
6 T	Bromomethane	0.378	0.361	4.5	102	-0.02
7	Chloroethane	0.235	0.221	6.0	103	-0.01
8 T	Dichlorotetrafluoroethane	1.536	1.339	12.8	102	-0.01
9 T	Propene	0.417	0.444	-6.5	112	-0.01
10 T	Heptane	1.072	1.157	-7.9	105	-0.02
11 T	Trichlorofluoromethane	1.583	1.388	12.3	99	-0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.111	0.997	10.3	101	-0.02
13	Ethanol	0.133	0.105	21.1	125	-0.02
14 T	Bromoethene	0.457	0.454	0.7	105	-0.02
15 T	Acetone	1.354	1.071	20.9	102	-0.02
16 T	1,3-Butadiene	0.520	0.533	-2.5	106	-0.02
17	tert-Butyl alcohol	1.198	1.234	-3.0	112	-0.02
18 T	1,1-Dichloroethene	0.492	0.468	4.9	102	-0.02
19 T	Isopropyl Alcohol	0.817	0.816	0.1	114	-0.01
20 T	Methylene Chloride	0.589	0.417	29.2	103	-0.02
21 T	Allyl Chloride	0.788	0.785	0.4	107	-0.01
22 T	trans-1,2-Dichloroethene	0.491	0.473	3.7	104	-0.02
23 T	Vinyl Acetate	1.465	1.595	-8.9	111	-0.02
24 T	1,1-Dichloroethane	1.259	1.189	5.6	104	-0.02
25 T	Ethyl Acetate	2.101	2.058	2.0	105	-0.02
26 T	Hexane	0.926	0.911	1.6	104	-0.02
27 T	Carbon Disulfide	1.294	1.257	2.9	102	-0.02
28 T	Methyl tert-Butyl Ether	1.411	1.471	-4.3	108	-0.02
29 T	Chloroform	1.553	1.424	8.3	102	-0.02
30 T	Cyclohexane	0.685	0.768	-12.1	103	-0.02
31 T	cis-1,2-Dichloroethene	0.876	0.930	-6.2	106	-0.02
32 T	1,1,1-Trichloroethane	1.556	1.409	9.4	101	-0.02
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	-0.02
34 T	2-Butanone	0.534	0.543	-1.7	107	-0.02
35 T	Carbon Tetrachloride	0.649	0.611	5.9	101	-0.02
36 T	Benzene	0.724	0.763	-5.4	106	-0.03
37 T	1,2-Dichloroethane	0.486	0.464	4.5	102	-0.02
38 T	Trichloroethene	0.295	0.298	-1.0	101	-0.02
39 T	1,2-Dichloropropane	0.288	0.296	-2.8	106	-0.03
40 T	1,4-Dioxane	0.115	0.112	2.6	98	-0.02
41 T	Tetrahydrofuran	0.267	0.303	-13.5	108	-0.02
42 T	Bromodichloromethane	0.649	0.644	0.8	101	-0.02
43	Methyl Methacrylate	0.306	0.341	-11.4	103	-0.03
44 T	2,2,4-Trimethylpentane	1.249	1.295	-3.7	104	-0.02
45 T	t-1,3-Dichloropropene	0.321	0.396	-23.4	106	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.381	0.462	-21.3	105	-0.02
47 T	1,1,2-Trichloroethane	0.315	0.316	-0.3	102	-0.03
48 T	Dibromochloromethane	0.513	0.542	-5.7	102	-0.03
49 T	Bromoform	0.448	0.481	-7.4	102	-0.02
50 T	4-Methyl-2-Pentanone	0.766	0.806	-5.2	101	-0.03
51 T	2-Hexanone	0.584	0.654	-12.0	102	-0.02
52 T	Tetrachloroethene	0.270	0.270	0.0	103	-0.02
53 T	Toluene	0.764	0.883	-15.6	104	-0.02
54 T	1,2-Dibromoethane	0.468	0.482	-3.0	102	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	97	-0.02
56	1,1,1,2-Tetrachloroethane	0.443	0.409	7.7	99	-0.03
57 T	Chlorobenzene	0.737	0.677	8.1	101	-0.02
58 T	Ethyl Benzene	1.105	1.195	-8.1	102	-0.02
59 T	m/p-Xylene	0.985	0.982	0.3	100	-0.03
60 T	o-Xylene	0.983	0.974	0.9	99	-0.03
61 T	Styrene	0.607	0.710	-17.0	101	-0.02
62	Isopropylbenzene	1.457	1.452	0.3	101	-0.02
63 T	1,1,2,2-Tetrachloroethane	0.821	0.703	14.4	100	-0.03
64	n-propylbenzene	0.376	0.384	-2.1	100	-0.03
65	tert-Butylbenzene	1.308	1.292	1.2	100	-0.02
66 T	Benzyl Chloride	0.466	0.543	-16.5	104	-0.03
67	sec-Butylbenzene	1.907	1.840	3.5	99	-0.02
68 S	1-Bromo-4-Fluorobenzene	0.812	0.767	5.5	95	-0.02
69	p-Isopropyltoluene	1.495	1.529	-2.3	101	-0.02
70	n-Butylbenzene	1.585	1.594	-0.6	100	-0.02
71	2-Chlorotoluene	1.102	1.129	-2.5	100	-0.02
72 T	4-Ethyltoluene	1.107	1.168	-5.5	100	-0.03
73 T	1,3,5-Trimethylbenzene	1.068	1.103	-3.3	101	-0.02
74 T	1,2,4-Trimethylbenzene	1.180	1.147	2.8	100	-0.02
75 T	1,3-Dichlorobenzene	0.747	0.648	13.3	99	-0.03
76 T	1,4-Dichlorobenzene	0.695	0.659	5.2	99	-0.02
77 T	1,2-Dichlorobenzene	0.673	0.638	5.2	101	-0.02
78 T	Hexachloro-1,3-Butadiene	0.532	0.469	11.8	101	-0.03
79 T	Naphthalene	0.764	0.969	-26.8	102	-0.03
80 T	Naphthalene,2-methyl-	0.180	0.379	-110.6#	106	-0.02
81 T	1,2,4-Trichlorobenzene	0.484	0.540	-11.6	102	-0.03

(#) = Out of Range

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