

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL081020\
 Data File : VL035378.D
 Acq On : 11 Aug 2020 7:59
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 11 20:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 05 13:04:46 2020
 QLast Update : Wed Aug 05 13:04:46 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	89	0.00
2 T	Dichlorodifluoromethane	1.330	1.311	1.4	104	0.00
3	Chlorodifluoromethane	1.142	1.144	-0.2	102	0.00
4	Chloromethane	0.646	0.636	1.5	99	0.00
5 T	Vinyl Chloride	0.665	0.661	0.6	102	0.00
6 T	Bromomethane	0.407	0.420	-3.2	100	0.00
7	Chloroethane	0.247	0.249	-0.8	101	0.00
8 T	Dichlorotetrafluoroethane	1.572	1.565	0.4	100	0.00
9 T	Propene	0.407	0.448	-10.1	102	0.00
10 T	Heptane	1.039	1.248	-20.1	99	0.00
11 T	Trichlorofluoromethane	1.723	1.679	2.6	98	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.232	1.205	2.2	100	0.00
13	Ethanol	0.140	0.140	0.0	128	0.00
14 T	Bromoethene	0.494	0.522	-5.7	100	0.00
15 T	Acetone	1.420	1.286	9.4	103	0.00
16 T	1,3-Butadiene	0.547	0.597	-9.1	101	0.00
17	tert-Butyl alcohol	1.303	1.472	-13.0	112	0.00
18 T	1,1-Dichloroethene	0.529	0.546	-3.2	99	0.00
19 T	Isopropyl Alcohol	0.900	0.971	-7.9	116	0.00
20 T	Methylene Chloride	0.579	0.488	15.7	98	0.00
21 T	Allyl Chloride	0.814	0.877	-7.7	101	0.00
22 T	trans-1,2-Dichloroethene	0.513	0.543	-5.8	100	0.00
23 T	Vinyl Acetate	1.362	1.617	-18.7	103	0.00
24 T	1,1-Dichloroethane	1.280	1.323	-3.4	100	0.00
25 T	Ethyl Acetate	2.158	2.306	-6.9	102	0.00
26 T	Hexane	0.936	1.012	-8.1	100	0.00
27 T	Carbon Disulfide	1.309	1.431	-9.3	100	0.00
28 T	Methyl tert-Butyl Ether	1.361	1.577	-15.9	101	0.00
29 T	Chloroform	1.614	1.648	-2.1	100	0.00
30 T	Cyclohexane	0.710	0.851	-19.9	99	0.00
31 T	cis-1,2-Dichloroethene	0.832	0.988	-18.8	100	0.00
32 T	1,1,1-Trichloroethane	1.696	1.639	3.4	100	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
34 T	2-Butanone	0.492	0.559	-13.6	101	0.00
35 T	Carbon Tetrachloride	0.688	0.698	-1.5	100	0.00
36 T	Benzene	0.675	0.792	-17.3	99	0.00
37 T	1,2-Dichloroethane	0.472	0.510	-8.1	101	0.00
38 T	Trichloroethene	0.311	0.339	-9.0	96	0.00
39 T	1,2-Dichloropropane	0.273	0.305	-11.7	100	0.00
40 T	1,4-Dioxane	0.117	0.132	-12.8	99	0.00
41 T	Tetrahydrofuran	0.242	0.301	-24.4	101	0.00
42 T	Bromodichloromethane	0.634	0.696	-9.8	98	0.00
43	Methyl Methacrylate	0.284	0.357	-25.7	99	0.00
44 T	2,2,4-Trimethylpentane	1.200	1.366	-13.8	99	0.00
45 T	t-1,3-Dichloropropene	0.295	0.410	-39.0#	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.356	0.482	-35.4#	100	0.00
47 T	1,1,2-Trichloroethane	0.329	0.347	-5.5	98	0.00
48 T	Dibromochloromethane	0.538	0.606	-12.6	97	0.00
49 T	Bromoform	0.491	0.573	-16.7	98	0.00
50 T	4-Methyl-2-Pentanone	0.752	0.855	-13.7	98	0.00
51 T	2-Hexanone	0.589	0.700	-18.8	98	0.00
52 T	Tetrachloroethene	0.268	0.303	-13.1	99	0.00
53 T	Toluene	0.735	0.946	-28.7	98	0.00
54 T	1,2-Dibromoethane	0.472	0.540	-14.4	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
56	1,1,1,2-Tetrachloroethane	0.472	0.468	0.8	99	0.00
57 T	Chlorobenzene	0.753	0.750	0.4	99	0.00
58 T	Ethyl Benzene	1.041	1.246	-19.7	98	0.00
59 T	m/p-Xylene	0.969	1.061	-9.5	98	0.00
60 T	o-Xylene	0.962	1.074	-11.6	99	0.00
61 T	Styrene	0.587	0.758	-29.1	97	0.00
62	Isopropylbenzene	1.448	1.586	-9.5	98	0.00
63 T	1,1,2,2-Tetrachloroethane	0.820	0.775	5.5	97	0.00
64	n-propylbenzene	0.389	0.436	-12.1	99	0.00
65	tert-Butylbenzene	1.326	1.453	-9.6	98	0.00
66 T	Benzyl Chloride	0.525	0.637	-21.3	105	0.00
67	sec-Butylbenzene	1.875	1.987	-6.0	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.834	0.795	4.7	88	0.00
69	p-Isopropyltoluene	1.529	1.703	-11.4	97	0.00
70	n-Butylbenzene	1.635	1.768	-8.1	97	0.00
71	2-Chlorotoluene	1.061	1.227	-15.6	98	0.00
72 T	4-Ethyltoluene	1.096	1.281	-16.9	97	0.00
73 T	1,3,5-Trimethylbenzene	1.052	1.205	-14.5	97	0.00
74 T	1,2,4-Trimethylbenzene	1.202	1.280	-6.5	97	0.00
75 T	1,3-Dichlorobenzene	0.786	0.764	2.8	97	0.00
76 T	1,4-Dichlorobenzene	0.728	0.759	-4.3	97	0.00
77 T	1,2-Dichlorobenzene	0.726	0.732	-0.8	96	0.00
78 T	Hexachloro-1,3-Butadiene	0.618	0.610	1.3	102	0.00
79 T	Naphthalene	0.925	1.268	-37.1#	102	0.00
80 T	Naphthalene,2-methyl-	0.210	0.513	-144.3#	114	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.711	-22.0	101	0.00

(#) = Out of Range

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