

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL033021\
 Data File : VL036589.D
 Acq On : 31 Mar 2021 4:08
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Mar 31 16:05:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 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	81	-0.01
2 T	Dichlorodifluoromethane	1.631	1.919	-17.7	102	0.00
3	Chlorodifluoromethane	1.868	2.123	-13.7	102	0.00
4	Chloromethane	0.660	0.775	-17.4	102	0.00
5 T	Vinyl Chloride	0.679	0.775	-14.1	100	0.00
6 T	Bromomethane	0.374	0.425	-13.6	98	0.00
7	Chloroethane	0.233	0.274	-17.6	106	0.00
8 T	Dichlorotetrafluoroethane	1.557	1.787	-14.8	101	0.00
9 T	Propene	0.596	0.707	-18.6	100	0.00
10 T	Heptane	1.517	1.825	-20.3	100	-0.01
11 T	Trichlorofluoromethane	1.662	1.916	-15.3	102	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.063	1.251	-17.7	100	0.00
13	Ethanol	0.071	0.067	5.6	78	0.00
14 T	Bromoethene	0.442	0.539	-21.9	102	0.00
15 T	Acetone	0.984	1.069	-8.6	101	0.00
16 T	1,3-Butadiene	0.685	0.809	-18.1	100	0.00
17	tert-Butyl alcohol	0.857	0.966	-12.7	95	-0.01
18 T	1,1-Dichloroethene	0.473	0.552	-16.7	100	0.00
19 T	Isopropyl Alcohol	0.541	0.546	-0.9	86	0.00
20 T	Methylene Chloride	0.461	0.469	-1.7	95	0.00
21 T	Allyl Chloride	0.785	0.948	-20.8	99	0.00
22 T	trans-1,2-Dichloroethene	0.438	0.521	-18.9	98	0.00
23 T	Vinyl Acetate	1.684	1.991	-18.2	97	0.00
24 T	1,1-Dichloroethane	1.227	1.436	-17.0	99	0.00
25 T	Ethyl Acetate	2.340	2.747	-17.4	101	-0.01
26 T	Hexane	1.086	1.269	-16.9	99	0.00
27 T	Carbon Disulfide	1.070	1.385	-29.4	103	-0.01
28 T	Methyl tert-Butyl Ether	1.281	1.550	-21.0	99	0.00
29 T	Chloroform	1.737	1.995	-14.9	100	-0.01
30 T	Cyclohexane	0.881	1.079	-22.5	100	-0.02
31 T	cis-1,2-Dichloroethene	1.050	1.278	-21.7	98	-0.01
32 T	1,1,1-Trichloroethane	1.750	1.993	-13.9	99	-0.01
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	-0.01
34 T	2-Butanone	0.488	0.563	-15.4	97	-0.01
35 T	Carbon Tetrachloride	0.768	0.863	-12.4	101	-0.01
36 T	Benzene	0.922	1.070	-16.1	99	-0.01
37 T	1,2-Dichloroethane	0.543	0.635	-16.9	100	-0.01
38 T	Trichloroethene	0.359	0.381	-6.1	98	-0.02
39 T	1,2-Dichloropropane	0.374	0.426	-13.9	98	-0.01
40 T	1,4-Dioxane	0.087	0.083	4.6	85	0.00
41 T	Tetrahydrofuran	0.225	0.260	-15.6	90	-0.01
42 T	Bromodichloromethane	0.738	0.895	-21.3	101	-0.02
43	Methyl Methacrylate	0.310	0.392	-26.5	97	-0.01
44 T	2,2,4-Trimethylpentane	1.623	1.830	-12.8	101	-0.02
45 T	t-1,3-Dichloropropene	0.354	0.433	-22.3	90	-0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	cis-1,3-Dichloropropene	0.452	0.539	-19.2	91	-0.01
47 T	1,1,2-Trichloroethane	0.379	0.426	-12.4	98	-0.02
48 T	Dibromochloromethane	0.578	0.702	-21.5	97	-0.02
49 T	Bromoform	0.465	0.547	-17.6	92	-0.02
50 T	4-Methyl-2-Pentanone	0.706	0.870	-23.2	99	-0.02
51 T	2-Hexanone	0.356	0.478	-34.3#	97	-0.01
52 T	Tetrachloroethene	0.340	0.357	-5.0	95	-0.02
53 T	Toluene	0.982	1.178	-20.0	97	-0.02
54 T	1,2-Dibromoethane	0.535	0.603	-12.7	95	-0.02
55 I	Chlorobenzene-d5	1.000	1.000	0.0	84	-0.02
56	1,1,1,2-Tetrachloroethane	0.452	0.497	-10.0	97	-0.02
57 T	Chlorobenzene	0.851	0.892	-4.8	96	-0.01
58 T	Ethyl Benzene	1.455	1.660	-14.1	97	-0.01
59 T	m/p-Xylene	1.269	1.394	-9.9	97	-0.01
60 T	o-Xylene	1.227	1.314	-7.1	97	-0.02
61 T	Styrene	0.617	0.764	-23.8	93	-0.02
62	Isopropylbenzene	1.652	1.774	-7.4	97	-0.01
63 T	1,1,2,2-Tetrachloroethane	0.936	0.912	2.6	96	-0.01
64	n-propylbenzene	0.404	0.465	-15.1	98	-0.02
65	tert-Butylbenzene	1.433	1.521	-6.1	96	-0.01
66 T	Benzyl Chloride	0.158	0.191	-20.9	93	-0.02
67	sec-Butylbenzene	2.022	2.124	-5.0	96	-0.01
68 S	1-Bromo-4-Fluorobenzene	0.797	0.828	-3.9	83	-0.02
69	p-Isopropyltoluene	1.579	1.760	-11.5	97	-0.02
70	n-Butylbenzene	1.638	1.829	-11.7	98	-0.01
71	2-Chlorotoluene	1.238	1.344	-8.6	95	-0.02
72 T	4-Ethyltoluene	1.344	1.511	-12.4	96	-0.01
73 T	1,3,5-Trimethylbenzene	1.255	1.375	-9.6	96	-0.02
74 T	1,2,4-Trimethylbenzene	1.343	1.408	-4.8	96	-0.01
75 T	1,3-Dichlorobenzene	0.756	0.773	-2.2	92	-0.01
76 T	1,4-Dichlorobenzene	0.750	0.743	0.9	91	-0.02
77 T	1,2-Dichlorobenzene	0.710	0.742	-4.5	94	-0.02
78 T	Hexachloro-1,3-Butadiene	0.636	0.634	0.3	102	-0.01
79 T	Naphthalene	0.784	1.143	-45.8#	104	-0.01
80 T	Naphthalene,2-methyl-	0.155	0.228	-47.1#	79	0.00
81 T	1,2,4-Trichlorobenzene	0.484	0.633	-30.8#	105	-0.02

(#) = Out of Range

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