

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037978.D
 Acq On : 9 Nov 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Nov 10 04:47:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 02 05:54:07 2021
 QLast Update : Tue Nov 02 05:54:07 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	1.409	1.357	3.7	103	0.00
3	Chlorodifluoromethane	1.862	1.668	10.4	102	0.00
4	Chloromethane	0.707	0.648	8.3	103	0.00
5 T	Vinyl Chloride	0.682	0.641	6.0	102	0.00
6 T	Bromomethane	0.368	0.340	7.6	98	0.00
7	Chloroethane	0.246	0.224	8.9	101	0.00
8 T	Dichlorotetrafluoroethane	1.623	1.429	12.0	100	0.00
9 T	Propene	0.667	0.636	4.6	110	0.00
10 T	Heptane	1.553	1.544	0.6	102	0.00
11 T	Trichlorofluoromethane	1.403	1.280	8.8	99	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.094	1.010	7.7	100	0.00
13	Ethanol	0.067	0.070	-4.5	116	-0.02
14 T	Bromoethene	0.478	0.450	5.9	102	0.00
15 T	Acetone	0.826	0.739	10.5	106	0.00
16 T	1,3-Butadiene	0.651	0.601	7.7	99	0.00
17	tert-Butyl alcohol	0.859	0.916	-6.6	117	0.00
18 T	1,1-Dichloroethene	0.503	0.461	8.3	102	0.00
19 T	Isopropyl Alcohol	0.528	0.530	-0.4	107	0.00
20 T	Methylene Chloride	0.454	0.387	14.8	101	0.00
21 T	Allyl Chloride	0.762	0.774	-1.6	108	0.00
22 T	trans-1,2-Dichloroethene	0.500	0.475	5.0	103	0.00
23 T	Vinyl Acetate	1.244	1.201	3.5	106	0.00
24 T	1,1-Dichloroethane	1.028	0.964	6.2	103	0.00
25 T	Ethyl Acetate	2.454	2.404	2.0	104	0.00
26 T	Hexane	1.163	1.117	4.0	103	0.00
27 T	Carbon Disulfide	1.148	1.193	-3.9	102	0.00
28 T	Methyl tert-Butyl Ether	0.978	0.974	0.4	108	0.00
29 T	Chloroform	1.734	1.567	9.6	100	0.00
30 T	Cyclohexane	0.994	0.957	3.7	104	0.00
31 T	cis-1,2-Dichloroethene	1.061	1.039	2.1	101	0.00
32 T	1,1,1-Trichloroethane	1.705	1.505	11.7	102	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
34 T	2-Butanone	0.371	0.349	5.9	103	0.00
35 T	Carbon Tetrachloride	0.605	0.523	13.6	100	0.00
36 T	Benzene	0.814	0.790	2.9	102	0.00
37 T	1,2-Dichloroethane	0.387	0.371	4.1	101	0.00
38 T	Trichloroethene	0.338	0.301	10.9	99	0.00
39 T	1,2-Dichloropropane	0.306	0.296	3.3	102	0.00
40 T	1,4-Dioxane	0.081	0.077	4.9	105	0.00
41 T	Tetrahydrofuran	0.181	0.190	-5.0	108	0.00
42 T	Bromodichloromethane	0.585	0.561	4.1	101	0.00
43	Methyl Methacrylate	0.267	0.284	-6.4	103	0.00
44 T	2,2,4-Trimethylpentane	1.385	1.317	4.9	102	0.00
45 T	t-1,3-Dichloropropene	0.196	0.230	-17.3	103	0.00
46 T	cis-1,3-Dichloropropene	0.270	0.305	-13.0	101	0.00
47 T	1,1,2-Trichloroethane	0.344	0.310	9.9	98	0.00
48 T	Dibromochloromethane	0.487	0.480	1.4	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.385	0.372	3.4	95	0.00
50 T	4-Methyl-2-Pentanone	0.487	0.500	-2.7	101	0.00
51 T	2-Hexanone	0.205	0.221	-7.8	102	0.00
52 T	Tetrachloroethene	0.309	0.278	10.0	99	0.00
53 T	Toluene	0.873	0.885	-1.4	99	0.00
54 T	1,2-Dibromoethane	0.444	0.439	1.1	100	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
56	1,1,1,2-Tetrachloroethane	0.404	0.374	7.4	100	0.00
57 T	Chlorobenzene	0.798	0.712	10.8	97	0.00
58 T	Ethyl Benzene	1.223	1.227	-0.3	98	0.00
59 T	m/p-Xylene	1.087	1.024	5.8	96	0.00
60 T	o-Xylene	1.025	0.940	8.3	94	0.00
61 T	Styrene	0.471	0.526	-11.7	96	0.00
62	Isopropylbenzene	1.451	1.304	10.1	95	0.00
63 T	1,1,2,2-Tetrachloroethane	0.882	0.660	25.2	91	0.00
64	n-propylbenzene	0.372	0.344	7.5	93	0.00
65	tert-Butylbenzene	1.282	1.128	12.0	95	0.00
66 T	Benzyl Chloride	0.067	0.057	14.9	71	0.00
67	sec-Butylbenzene	1.767	1.551	12.2	94	0.00
68 S	1-Bromo-4-Fluorobenzene	0.727	0.693	4.7	91	0.00
69	p-Isopropyltoluene	1.417	1.288	9.1	95	0.00
70	n-Butylbenzene	1.302	1.244	4.5	96	0.00
71	2-Chlorotoluene	1.017	0.939	7.7	93	0.00
72 T	4-Ethyltoluene	1.174	1.138	3.1	97	0.00
73 T	1,3,5-Trimethylbenzene	1.099	0.992	9.7	92	0.00
74 T	1,2,4-Trimethylbenzene	1.152	1.010	12.3	93	0.00
75 T	1,3-Dichlorobenzene	0.717	0.613	14.5	93	0.00
76 T	1,4-Dichlorobenzene	0.694	0.586	15.6	91	0.00
77 T	1,2-Dichlorobenzene	0.673	0.572	15.0	93	0.00
78 T	Hexachloro-1,3-Butadiene	0.576	0.480	16.7	103	0.00
79 T	Naphthalene	0.664	0.862	-29.8	107	0.00
80 T	Naphthalene,2-methyl-	0.129	0.272	-110.9#	118	0.00
81 T	1,2,4-Trichlorobenzene	0.432	0.480	-11.1	105	0.00

(#) = Out of Range

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