

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041490.D
 Acq On : 1 Aug 2024 23:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 02 04:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 02 03:13:29 2024
 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	73	0.00
2 T	Dichlorodifluoromethane	1.720	1.567	8.9	81	0.00
3	Chlorodifluoromethane	1.190	1.416	-19.0	97	0.00
4	Chloromethane	0.633	0.720	-13.7	94	0.00
5 T	Vinyl Chloride	0.624	0.729	-16.8	94	0.00
6 T	Bromomethane	0.321	0.413	-28.7	103	0.00
7	Chloroethane	0.215	0.257	-19.5	93	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.745	-14.5	93	0.00
9 T	Propene	0.547	0.640	-17.0	96	0.00
10 T	Heptane	1.229	1.553	-26.4	95	0.00
11 T	Trichlorofluoromethane	1.528	1.735	-13.5	92	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.214	-10.4	89	0.00
13	Ethanol	0.049	0.091	-85.7#	189#	0.00
14 T	Bromoethene	0.429	0.511	-19.1	91	0.00
15 T	Acetone	1.136	1.320	-16.2	97	0.00
16 T	1,3-Butadiene	0.607	0.707	-16.5	93	0.00
17	tert-Butyl alcohol	1.036	1.312	-26.6	92	0.00
18 T	1,1-Dichloroethene	0.471	0.558	-18.5	90	0.00
19 T	Isopropyl Alcohol	0.664	0.802	-20.8	91	0.00
20 T	Methylene Chloride	0.424	0.457	-7.8	90	0.00
21 T	Allyl Chloride	0.745	0.876	-17.6	89	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.546	-15.9	90	0.00
23 T	Vinyl Acetate	0.868	1.238	-42.6#	103	0.00
24 T	1,1-Dichloroethane	1.022	1.184	-15.9	92	0.00
25 T	Ethyl Acetate	2.257	2.758	-22.2	96	0.00
26 T	Hexane	0.936	1.151	-23.0	95	0.00
27 T	Carbon Disulfide	1.095	1.259	-15.0	83	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.690	-16.8	91	0.00
29 T	Chloroform	1.527	1.774	-16.2	92	0.00
30 T	Cyclohexane	0.763	0.990	-29.8	95	0.00
31 T	cis-1,2-Dichloroethene	0.925	1.137	-22.9	94	0.00
32 T	1,1,1-Trichloroethane	1.487	1.722	-15.8	90	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
34 T	2-Butanone	0.484	0.617	-27.5	96	0.00
35 T	Carbon Tetrachloride	0.552	0.669	-21.2	89	0.00
36 T	Benzene	0.731	0.906	-23.9	94	0.00
37 T	1,2-Dichloroethane	0.409	0.504	-23.2	93	0.00
38 T	Trichloroethene	0.335	0.362	-8.1	82	0.00
39 T	1,2-Dichloropropane	0.280	0.348	-24.3	95	0.00
40 T	1,4-Dioxane	0.112	0.103	8.0	65	0.01
41 T	Tetrahydrofuran	0.277	0.368	-32.9#	96	0.00
42 T	Bromodichloromethane	0.591	0.714	-20.8	90	0.00
43	Methyl Methacrylate	0.262	0.368	-40.5#	95	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.501	-23.0	94	0.00
45 T	t-1,3-Dichloropropene	0.241	0.386	-60.2#	98	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.503	-44.5#	96	0.00
47 T	1,1,2-Trichloroethane	0.308	0.372	-20.8	92	0.00
48 T	Dibromochloromethane	0.497	0.613	-23.3	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.523	-24.5	85	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.988	-29.5	93	0.00
51 T	2-Hexanone	0.577	0.812	-40.7#	93	0.00
52 T	Tetrachloroethene	0.282	0.341	-20.9	92	0.00
53 T	Toluene	0.814	1.049	-28.9	92	0.00
54 T	1,2-Dibromoethane	0.410	0.544	-32.7#	92	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.462	-19.1	91	0.00
57 T	Chlorobenzene	0.712	0.822	-15.4	90	0.00
58 T	Ethyl Benzene	1.153	1.427	-23.8	91	0.00
59 T	m/p-Xylene	0.995	1.209	-21.5	91	0.00
60 T	o-Xylene	0.941	1.165	-23.8	92	0.00
61 T	Styrene	0.425	0.574	-35.1#	91	0.00
62	Isopropylbenzene	1.431	1.720	-20.2	92	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.800	-34.7#	103	0.00
64	n-propylbenzene	0.374	0.459	-22.7	91	0.00
65	tert-Butylbenzene	1.292	1.531	-18.5	91	0.00
66 T	Benzyl Chloride	0.083	0.164	-97.6#	131	0.00
67	sec-Butylbenzene	1.781	2.140	-20.2	91	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.780	-1.3	73	0.00
69	p-Isopropyltoluene	1.478	1.808	-22.3	91	0.00
70	n-Butylbenzene	1.515	1.854	-22.4	91	0.00
71	2-Chlorotoluene	1.055	1.287	-22.0	91	0.00
72 T	4-Ethyltoluene	1.108	1.396	-26.0	90	0.00
73 T	1,3,5-Trimethylbenzene	0.955	1.180	-23.6	89	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.315	-18.5	90	0.00
75 T	1,3-Dichlorobenzene	0.698	0.815	-16.8	89	0.00
76 T	1,4-Dichlorobenzene	0.676	0.793	-17.3	89	0.00
77 T	1,2-Dichlorobenzene	0.692	0.786	-13.6	88	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.632	-7.1	93	0.00
79 T	Naphthalene	0.980	1.445	-47.4#	94	0.00
80 T	Naphthalene,2-methyl-	0.821	0.709	13.6	52	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.754	-29.3	94	0.00

(#) = Out of Range

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