

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041525.D
 Acq On : 8 Aug 2024 23:23
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 09 06:01:19 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 : Tue Aug 06 01:32:58 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	85	0.00
2 T	Dichlorodifluoromethane	1.720	1.385	19.5	83	0.00
3	Chlorodifluoromethane	1.190	1.094	8.1	87	0.00
4	Chloromethane	0.633	0.578	8.7	87	0.00
5 T	Vinyl Chloride	0.624	0.582	6.7	87	0.00
6 T	Bromomethane	0.321	0.299	6.9	86	0.00
7	Chloroethane	0.215	0.207	3.7	87	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.378	9.6	85	0.00
9 T	Propene	0.547	0.493	9.9	86	0.00
10 T	Heptane	1.229	1.227	0.2	87	0.00
11 T	Trichlorofluoromethane	1.528	1.405	8.0	86	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.023	7.0	87	0.00
13	Ethanol	0.049	0.034#	30.6#	83	0.00
14 T	Bromoethene	0.429	0.413	3.7	85	0.00
15 T	Acetone	1.136	1.072	5.6	92	0.00
16 T	1,3-Butadiene	0.607	0.581	4.3	89	0.00
17	tert-Butyl alcohol	1.036	1.128	-8.9	91	0.00
18 T	1,1-Dichloroethene	0.471	0.457	3.0	85	0.00
19 T	Isopropyl Alcohol	0.664	0.585	11.9	77	0.00
20 T	Methylene Chloride	0.424	0.379	10.6	87	0.00
21 T	Allyl Chloride	0.745	0.758	-1.7	89	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.465	1.3	88	0.00
23 T	Vinyl Acetate	0.868	0.943	-8.6	91	0.00
24 T	1,1-Dichloroethane	1.022	0.978	4.3	88	0.00
25 T	Ethyl Acetate	2.257	2.215	1.9	89	0.00
26 T	Hexane	0.936	0.905	3.3	87	0.00
27 T	Carbon Disulfide	1.095	1.058	3.4	80	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.592	-0.2	91	0.00
29 T	Chloroform	1.527	1.436	6.0	86	0.00
30 T	Cyclohexane	0.763	0.777	-1.8	87	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.915	1.1	88	0.00
32 T	1,1,1-Trichloroethane	1.487	1.416	4.8	86	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
34 T	2-Butanone	0.484	0.492	-1.7	88	0.00
35 T	Carbon Tetrachloride	0.552	0.547	0.9	84	0.00
36 T	Benzene	0.731	0.730	0.1	87	0.00
37 T	1,2-Dichloroethane	0.409	0.407	0.5	87	0.00
38 T	Trichloroethene	0.335	0.330	1.5	86	0.00
39 T	1,2-Dichloropropane	0.280	0.281	-0.4	89	0.00
40 T	1,4-Dioxane	0.112	0.077	31.3#	56	0.00
41 T	Tetrahydrofuran	0.277	0.296	-6.9	89	0.00
42 T	Bromodichloromethane	0.591	0.582	1.5	85	0.00
43	Methyl Methacrylate	0.262	0.284	-8.4	84	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.209	0.9	87	0.00
45 T	t-1,3-Dichloropropene	0.241	0.288	-19.5	84	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.384	-10.3	84	0.00
47 T	1,1,2-Trichloroethane	0.308	0.299	2.9	85	0.00
48 T	Dibromochloromethane	0.497	0.497	0.0	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.432	-2.9	81	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.804	-5.4	87	0.00
51 T	2-Hexanone	0.577	0.654	-13.3	86	0.00
52 T	Tetrachloroethene	0.282	0.273	3.2	85	0.00
53 T	Toluene	0.814	0.847	-4.1	86	0.00
54 T	1,2-Dibromoethane	0.410	0.433	-5.6	85	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.378	2.6	84	0.00
57 T	Chlorobenzene	0.712	0.679	4.6	85	0.00
58 T	Ethyl Benzene	1.153	1.174	-1.8	85	0.00
59 T	m/p-Xylene	0.995	0.998	-0.3	85	0.00
60 T	o-Xylene	0.941	0.953	-1.3	85	0.00
61 T	Styrene	0.425	0.466	-9.6	83	0.00
62	Isopropylbenzene	1.431	1.391	2.8	85	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.584	1.7	85	0.00
64	n-propylbenzene	0.374	0.371	0.8	84	0.00
65	tert-Butylbenzene	1.292	1.244	3.7	84	0.00
66 T	Benzyl Chloride	0.083	0.098	-18.1	89	0.00
67	sec-Butylbenzene	1.781	1.744	2.1	84	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.771	-0.1	82	0.00
69	p-Isopropyltoluene	1.478	1.468	0.7	84	0.00
70	n-Butylbenzene	1.515	1.520	-0.3	85	0.00
71	2-Chlorotoluene	1.055	1.053	0.2	85	0.00
72 T	4-Ethyltoluene	1.108	1.148	-3.6	84	0.00
73 T	1,3,5-Trimethylbenzene	0.955	0.984	-3.0	84	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.092	1.6	85	0.00
75 T	1,3-Dichlorobenzene	0.698	0.676	3.2	84	0.00
76 T	1,4-Dichlorobenzene	0.676	0.663	1.9	84	0.00
77 T	1,2-Dichlorobenzene	0.692	0.659	4.8	84	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.506	14.2	84	0.00
79 T	Naphthalene	0.980	1.120	-14.3	83	0.00
80 T	Naphthalene,2-methyl-	0.821	0.826	-0.6	69	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.595	-2.1	84	0.00

(#) = Out of Range

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