

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041420.D
 Acq On : 29 Jul 2024 8:19
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jul 30 02:45:39 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 Jul 30 02:42:20 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	94	0.00
2 T	Dichlorodifluoromethane	1.720	1.261	26.7	84	0.00
3	Chlorodifluoromethane	1.190	1.123	5.6	99	0.00
4	Chloromethane	0.633	0.576	9.0	96	0.00
5 T	Vinyl Chloride	0.624	0.589	5.6	98	0.00
6 T	Bromomethane	0.321	0.315	1.9	101	0.00
7	Chloroethane	0.215	0.213	0.9	99	0.00
8 T	Dichlorotetrafluoroethane	1.524	1.427	6.4	98	0.00
9 T	Propene	0.547	0.496	9.3	96	0.00
10 T	Heptane	1.229	1.253	-2.0	99	0.00
11 T	Trichlorofluoromethane	1.528	1.394	8.8	95	0.00
12 T	1,1,2-Trichlorotrifluoroeth	1.100	1.011	8.1	96	0.00
13	Ethanol	0.049	0.036#	26.5	97	0.00
14 T	Bromoethene	0.429	0.413	3.7	95	0.00
15 T	Acetone	1.136	1.035	8.9	98	0.00
16 T	1,3-Butadiene	0.607	0.583	4.0	99	0.00
17	tert-Butyl alcohol	1.036	1.065	-2.8	96	0.00
18 T	1,1-Dichloroethene	0.471	0.449	4.7	93	0.00
19 T	Isopropyl Alcohol	0.664	0.645	2.9	94	0.00
20 T	Methylene Chloride	0.424	0.372	12.3	95	0.00
21 T	Allyl Chloride	0.745	0.730	2.0	95	0.00
22 T	trans-1,2-Dichloroethene	0.471	0.462	1.9	97	0.00
23 T	Vinyl Acetate	0.868	0.922	-6.2	98	0.00
24 T	1,1-Dichloroethane	1.022	0.976	4.5	98	0.00
25 T	Ethyl Acetate	2.257	2.217	1.8	99	0.00
26 T	Hexane	0.936	0.919	1.8	98	0.00
27 T	Carbon Disulfide	1.095	1.126	-2.8	95	0.00
28 T	Methyl tert-Butyl Ether	0.591	0.566	4.2	96	0.00
29 T	Chloroform	1.527	1.448	5.2	97	0.00
30 T	Cyclohexane	0.763	0.800	-4.8	99	0.00
31 T	cis-1,2-Dichloroethene	0.925	0.904	2.3	96	0.00
32 T	1,1,1-Trichloroethane	1.487	1.423	4.3	96	0.00
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
34 T	2-Butanone	0.484	0.418	13.6	84	0.00
35 T	Carbon Tetrachloride	0.552	0.554	-0.4	96	0.00
36 T	Benzene	0.731	0.724	1.0	97	0.00
37 T	1,2-Dichloroethane	0.409	0.408	0.2	98	0.00
38 T	Trichloroethene	0.335	0.341	-1.8	101	0.00
39 T	1,2-Dichloropropane	0.280	0.278	0.7	99	0.00
40 T	1,4-Dioxane	0.112	0.112	0.0	92	0.00
41 T	Tetrahydrofuran	0.277	0.293	-5.8	100	0.00
42 T	Bromodichloromethane	0.591	0.592	-0.2	97	0.00
43	Methyl Methacrylate	0.262	0.288	-9.9	96	0.00
44 T	2,2,4-Trimethylpentane	1.220	1.207	1.1	98	0.00
45 T	t-1,3-Dichloropropene	0.241	0.294	-22.0	97	0.00
46 T	cis-1,3-Dichloropropene	0.348	0.394	-13.2	98	0.00
47 T	1,1,2-Trichloroethane	0.308	0.303	1.6	97	0.00
48 T	Dibromochloromethane	0.497	0.510	-2.6	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.420	0.448	-6.7	95	0.00
50 T	4-Methyl-2-Pentanone	0.763	0.807	-5.8	98	0.00
51 T	2-Hexanone	0.577	0.659	-14.2	98	0.00
52 T	Tetrachloroethene	0.282	0.282	0.0	99	0.00
53 T	Toluene	0.814	0.859	-5.5	98	0.00
54 T	1,2-Dibromoethane	0.410	0.442	-7.8	97	0.00
55 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
56	1,1,1,2-Tetrachloroethane	0.388	0.363	6.4	96	0.00
57 T	Chlorobenzene	0.712	0.650	8.7	96	0.00
58 T	Ethyl Benzene	1.153	1.137	1.4	98	0.00
59 T	m/p-Xylene	0.995	0.962	3.3	97	0.00
60 T	o-Xylene	0.941	0.911	3.2	97	0.00
61 T	Styrene	0.425	0.456	-7.3	97	0.00
62	Isopropylbenzene	1.431	1.336	6.6	97	0.00
63 T	1,1,2,2-Tetrachloroethane	0.594	0.557	6.2	97	0.00
64	n-propylbenzene	0.374	0.358	4.3	96	0.00
65	tert-Butylbenzene	1.292	1.212	6.2	97	0.00
66 T	Benzyl Chloride	0.083	0.090	-8.4	97	0.00
67	sec-Butylbenzene	1.781	1.692	5.0	97	0.00
68 S	1-Bromo-4-Fluorobenzene	0.770	0.746	3.1	94	0.00
69	p-Isopropyltoluene	1.478	1.425	3.6	97	0.00
70	n-Butylbenzene	1.515	1.466	3.2	97	0.00
71	2-Chlorotoluene	1.055	1.006	4.6	96	0.00
72 T	4-Ethyltoluene	1.108	1.105	0.3	96	0.00
73 T	1,3,5-Trimethylbenzene	0.955	0.945	1.0	96	0.00
74 T	1,2,4-Trimethylbenzene	1.110	1.061	4.4	98	0.00
75 T	1,3-Dichlorobenzene	0.698	0.654	6.3	96	0.00
76 T	1,4-Dichlorobenzene	0.676	0.643	4.9	97	0.00
77 T	1,2-Dichlorobenzene	0.692	0.644	6.9	98	0.00
78 T	Hexachloro-1,3-Butadiene	0.590	0.488	17.3	97	0.00
79 T	Naphthalene	0.980	1.097	-11.9	96	0.00
80 T	Naphthalene,2-methyl-	0.821	1.006	-22.5	100	0.00
81 T	1,2,4-Trichlorobenzene	0.583	0.575	1.4	97	0.00

(#) = Out of Range

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