

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041338.D
 Acq On : 6 Jun 2024 8:19
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Quant Time: Jun 06 08:56:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 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	92	0.02
2 T	Dichlorodifluoromethane	1.597	1.474	7.7	94	0.02
3	Chlorodifluoromethane	1.580	1.341	15.1	87	0.02
4	Chloromethane	0.595	0.591	0.7	100	0.02
5 T	Vinyl Chloride	0.599	0.593	1.0	98	0.02
6 T	Bromomethane	0.213	0.316	-48.4#	151#	0.02
7	Chloroethane	0.206	0.204	1.0	97	0.02
8 T	Dichlorotetrafluoroethane	1.469	1.365	7.1	93	0.02
9 T	Propene	0.563	0.539	4.3	98	0.02
10 T	Heptane	1.334	1.299	2.6	94	0.03
11 T	Trichlorofluoromethane	1.468	1.403	4.4	95	0.02
12 T	1,1,2-Trichlorotrifluoroeth	1.037	1.015	2.1	96	0.02
13	Ethanol	0.146	0.168	-15.1	125	0.01
14 T	Bromoethene	0.420	0.402	4.3	91	0.02
15 T	Acetone	1.142	1.219	-6.7	110	0.02
16 T	1,3-Butadiene	0.574	0.593	-3.3	96	0.02
17	tert-Butyl alcohol	1.051	1.174	-11.7	103	0.02
18 T	1,1-Dichloroethene	0.442	0.428	3.2	92	0.02
19 T	Isopropyl Alcohol	0.717	0.828	-15.5	102	0.02
20 T	Methylene Chloride	0.415	0.377	9.2	99	0.02
21 T	Allyl Chloride	0.723	0.802	-10.9	107	0.02
22 T	trans-1,2-Dichloroethene	0.461	0.467	-1.3	97	0.03
23 T	Vinyl Acetate	1.168	1.357	-16.2	104	0.02
24 T	1,1-Dichloroethane	1.027	1.001	2.5	96	0.02
25 T	Ethyl Acetate	2.259	2.221	1.7	98	0.02
26 T	Hexane	1.016	0.963	5.2	97	0.03
27 T	Carbon Disulfide	1.125	1.143	-1.6	93	0.02
28 T	Methyl tert-Butyl Ether	0.753	0.727	3.5	95	0.03
29 T	Chloroform	1.558	1.459	6.4	94	0.02
30 T	Cyclohexane	0.823	0.802	2.6	96	0.02
31 T	cis-1,2-Dichloroethene	0.960	0.957	0.3	95	0.02
32 T	1,1,1-Trichloroethane	1.476	1.448	1.9	94	0.03
33 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.03
34 T	2-Butanone	0.479	0.480	-0.2	93	0.02
35 T	Carbon Tetrachloride	0.568	0.550	3.2	89	0.03
36 T	Benzene	0.775	0.771	0.5	94	0.03
37 T	1,2-Dichloroethane	0.452	0.447	1.1	93	0.03
38 T	Trichloroethene	0.314	0.297	5.4	96	0.03
39 T	1,2-Dichloropropane	0.309	0.302	2.3	96	0.02
40 T	1,4-Dioxane	0.113	0.124	-9.7	106	0.02
41 T	Tetrahydrofuran	0.312	0.335	-7.4	100	0.03
42 T	Bromodichloromethane	0.649	0.640	1.4	92	0.03
43	Methyl Methacrylate	0.295	0.318	-7.8	95	0.03
44 T	2,2,4-Trimethylpentane	1.333	1.320	1.0	96	0.03
45 T	t-1,3-Dichloropropene	0.199	0.354	-77.9#	143	0.03
46 T	cis-1,3-Dichloropropene	0.257	0.444	-72.8#	152#	0.03
47 T	1,1,2-Trichloroethane	0.323	0.319	1.2	94	0.03
48 T	Dibromochloromethane	0.532	0.534	-0.4	92	0.03

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	Bromoform	0.428	0.444	-3.7	93	0.03
50 T	4-Methyl-2-Pentanone	0.793	0.881	-11.1	102	0.03
51 T	2-Hexanone	0.564	0.718	-27.3	112	0.03
52 T	Tetrachloroethene	0.283	0.272	3.9	93	0.03
53 T	Toluene	0.892	0.909	-1.9	95	0.03
54 T	1,2-Dibromoethane	0.420	0.478	-13.8	103	0.03
55 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.03
56	1,1,1,2-Tetrachloroethane	0.423	0.401	5.2	92	0.03
57 T	Chlorobenzene	0.743	0.692	6.9	93	0.03
58 T	Ethyl Benzene	1.282	1.259	1.8	95	0.03
59 T	m/p-Xylene	1.098	1.061	3.4	94	0.03
60 T	o-Xylene	1.047	1.007	3.8	95	0.04
61 T	Styrene	0.513	0.546	-6.4	95	0.04
62	Isopropylbenzene	1.583	1.474	6.9	93	0.04
63 T	1,1,2,2-Tetrachloroethane	0.745	0.714	4.2	94	0.03
64	n-propylbenzene	0.408	0.385	5.6	91	0.03
65	tert-Butylbenzene	1.408	1.310	7.0	93	0.04
66 T	Benzyl Chloride	0.093	0.182	-95.7#	158#	0.03
67	sec-Butylbenzene	1.989	1.865	6.2	93	0.03
68 S	1-Bromo-4-Fluorobenzene	0.772	0.782	-1.3	93	0.03
69	p-Isopropyltoluene	1.639	1.561	4.8	94	0.03
70	n-Butylbenzene	1.700	1.649	3.0	95	0.04
71	2-Chlorotoluene	1.212	1.133	6.5	92	0.03
72 T	4-Ethyltoluene	1.220	1.195	2.0	93	0.03
73 T	1,3,5-Trimethylbenzene	1.059	1.053	0.6	95	0.03
74 T	1,2,4-Trimethylbenzene	1.197	1.142	4.6	94	0.03
75 T	1,3-Dichlorobenzene	0.703	0.662	5.8	90	0.03
76 T	1,4-Dichlorobenzene	0.702	0.647	7.8	91	0.04
77 T	1,2-Dichlorobenzene	0.704	0.653	7.2	92	0.03
78 T	Hexachloro-1,3-Butadiene	0.577	0.466	19.2	91	0.04
79 T	Naphthalene	1.039	1.173	-12.9	90	0.04
80 T	Naphthalene,2-methyl-	0.351	0.417	-18.8	93	0.03
81 T	1,2,4-Trichlorobenzene	0.579	0.525	9.3	85	0.04

(#) = Out of Range

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